



# Youngstown College

## BULLETIN

Catalog Number for the Year  
1936-1937

Co-Educational

410 Wick Avenue  
YOUNGSTOWN, OHIO

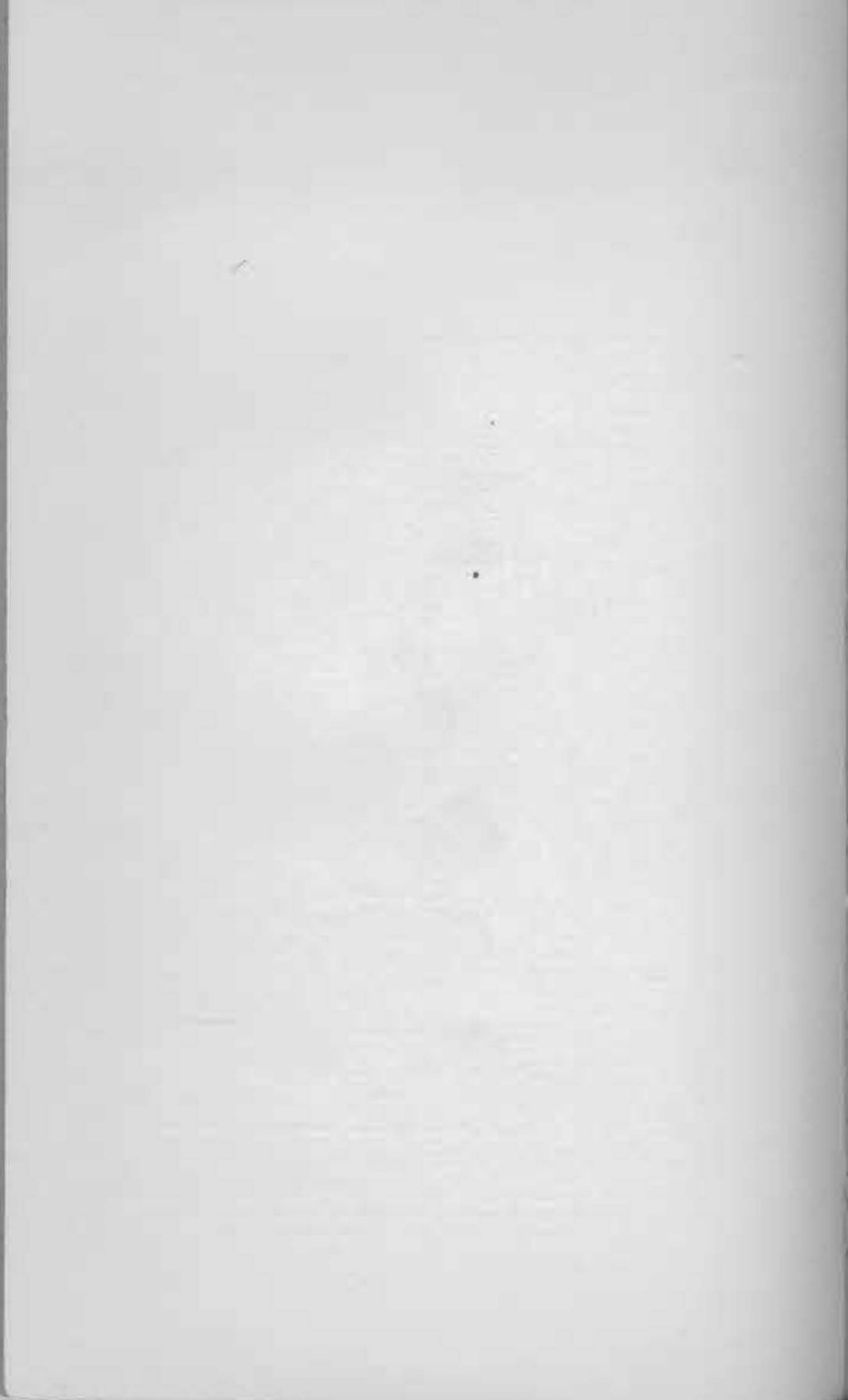
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## COLLEGE CALENDAR

## School of Liberal Arts

1936

September	12	Final registration for Freshmen.
September	15	Final registration for Upper Classmen.
September	16	Class work begins. Penalty for late enrollment invoked on this date.
November	25	Thanksgiving holiday begins, 10:00 P. M.
November	30	Thanksgiving holiday ends, 8:00 A. M.
December	18	Christmas vacation begins, 10:00 P. M.

1937

January	4	Christmas vacation ends, 8:00 A. M.
January	29	First semester ends, 10:00 P. M.
February	1	Registration and enrollment.
February	2	Class work and second semester begins, 8:00 A. M.
March	26	Easter vacation begins, 8:00 A. M.
April	5	Easter vacation ends, 8:00 A. M.
May	4	May Morning Breakfast, 7:00 A. M.
May	21	May Day.
June	6	Baccalaureate Service.
June	9	Alumni Day.
June	11	Commencement.
June	14	Summer Session begins.

## School of Law

1936

September	24-25	Registration.
September	29	Fall Quarter begins.
December	18	Fall Quarter ends.

1937

January	5	Winter Quarter begins.
March	26	Winter Quarter ends.
March	30	Spring Quarter begins.
June	18	Spring Quarter ends.
July	6	Summer Quarter begins.
September	24	Summer Quarter ends.

## BOARD OF GOVERNORS

		Term Expires
James L. Wick, Jr.	Chairman President, Falcon Bronze Company	1938
W. E. Bliss	Vice-Chairman Vice-President, Standard Slag Company	1938
N. B. Folsom	Recording Secretary Trust Officer, Mahoning National Bank	1937
J. C. Argetsinger	Vice-President, General Counsel, and Secretary, Youngstown Sheet and Tube Company	1936
J. C. Barrett	Superintendent, Blast Furnaces, Ohio Works, Carnegie Steel Company	1938
R. M. Bell	Secretary and Treasurer, General Fireproofing Company	1936
Dr. W. H. Bunn	Physician	1937
Joseph G. Butler III	Butler, Wick, and Company	1938
Sidney J. Collins	Clark and Collins, Certified Public Accountants	1936
Philip Frieder	Vice-President and Manager, David J. Joseph Company	1937
Oscar F. Gayton	Mutual Life Insurance Company of New York	1937
George H. Gessner	Judge, Common Pleas Court	1937
Hugh Grant	Chairman of Board, City Trust and Savings Company	1937
W. D. Griffith	Superintendent, McDonald Mills, Carnegie Steel Company	1937
Dr. W. E. Hammaker	Pastor, Trinity Methodist Church	1936
Harry Levinson	Jeweler	1936
Donald Lynn	Attorney, Harrington, Huxley, and Smith	1936
W. C. McKain	McKain, Ohl, and Swanner	1938
J. Russell McKay	Assistant Secretary and Attorney, Home Savings and Loan Company	1936
William F. Maag, Jr.	General Manager, Vindicator Printing Company	1936

		Term Expires
Hugh Manchester	Manchester, Ford, Bennett, and Powers	1936
Thomas H. Murray	Secretary and Treasurer, Heller- Murray Company	1938
Jay Ogram	Assistant Cashier, Union Na- tional Bank	1937
Franklin B. Powers	Manchester, Ford, Bennett, and Powers	1938
C. Snelling Robinson	Vice-President, Youngstown Sheet and Tube Company	1938
John R. Rowland	President, Mahoning National Bank	1937
Philip Schaff	President, Morris Plan Bank	1938
Clarence J. Strouss	President, Strouss-Hirshberg Company	1938
Martin Tod	Civil Engineer	1936
Herbert S. Warwick	Industrial Manager, Youngs- town Sheet and Tube Com- pany	1937
Verne J. Wilson	President, Union National Bank	1937
R. J. Wysor	Executive Vice-President and General Manager, Republic Steel Corporation	1938

J. Eugene Bennett—President of The Young Men's Christian Association, ex-officio.

Paul B. Davies—General Secretary of The Young Men's Christian Association, ex-officio.

#### LAW SCHOOL COMMITTEE

C. Snelling Robinson	Chairman
	Vice-President, Youngstown Sheet and Tube Company
J. C. Argetsinger	Vice-President, General Counsel, and Secretary, Youngstown Sheet and Tube Company
William F. Maag, Jr.	General Manager, Vindicator Printing Company
Philip Frieder	Vice-President and Manager, David J. Joseph Company
Sidney J. Collins	Clark and Collins, Certified Public Accountants
James L. Wick, Jr.	President, Falcon Bronze Company



## EXECUTIVE COMMITTEE

		Term Expires
James L. Wick, Jr.	Chairman President, Falcon Bronze Company	1938
J. C. Argetsinger	Vice-President, General Counsel, and Secretary, Youngstown Sheet and Tube Company	1936
Dr. W. H. Bunn	Physician	1937
Sidney J. Collins	Clark and Collins, Certified Public Accountants	1936
George H. Gessner	Judge, Common Pleas Court	1937
William F. Maag, Jr.	General Manager, Vindicator Printing Company	1936
Franklin B. Powers	Manchester, Ford, Bennett, and Powers	1938
C. Snelling Robinson	Vice-President, Youngstown Sheet and Tube Company	1938
Clarence J. Strouss	President, Strouss-Hirshberg Company	1938
R. J. Wysor	Executive Vice-President and General Manager, Republic Steel Corporation	1938

J. Eugene Bennett—President of The Young Men's Christian Association, ex-officio.

Paul B. Davies—General Secretary of The Young Men's Christian Association, ex-officio.

## OFFICERS OF ADMINISTRATION

Howard W. Jones, A. M.	President
George M. Wilcox, Ph. D.	Dean
Eleanor B. North, A. M.	Dean of Women
Judge George H. Gessner, LL. B.	Dean of Law
Charles F. Axtmann, M. S.	Dean of Business Administration
Philip P. Buchanan, M. Ed.	Registrar
Howard E. Sutton, B. S.	Business Manager
Freda R. Flint, A. B.	Publicity Director
Constance Robinson, A. B.	Librarian
Wanda Sporer, A. B.	Secretary to the President
Mrs. Helen Lyon	Cashier
Carolyn Higgins, A. B.	Assistant Registrar
Marguerite Friedrich, A. B.	Secretary

## FACULTY

## School of Liberal Arts

- Howard W. Jones, A. M. \_\_\_\_\_ President  
 A. B., Hiram College  
 A. M., Western Reserve University
- John W. Bare, A. M. \_\_\_\_\_ Psychology  
 A. B., Ohio Wesleyan University  
 A. M., Ohio Wesleyan University
- Levi G. Batman, A. B.\* \_\_\_\_\_ Biblical Literature  
 A. B., Indiana University  
 3 Years Graduate Work, Union Theological Seminary
- Karl H. Benkner, M. E.\* \_\_\_\_\_ German  
 M. E., Military Technical Academy  
 (Charlottenburg, Germany)
- R. Douglas Bowden, A. M. \_\_\_\_\_ Social Science  
 A. B., University of Kentucky  
 A. M., University of Illinois
- George A. Bretz, B. Mus. \_\_\_\_\_ Piano  
 Bachelor of Music, Dana Musical Institute; Artist  
 pupil of Beryl Rubenstein, Cleveland Institute of Music
- Catherine M. Bridgham, Ph. D.\* \_\_\_\_\_ Biology  
 B. S., University of Michigan  
 Ph. D., University of Pittsburgh  
 1 Year Graduate Work, University of Pittsburgh
- Russell G. Bunn, A. B. \_\_\_\_\_ Speech  
 A. B., Hiram College  
 School of Expression, Boston  
 1 Year Graduate Work, Columbia University
- Harold N. Burt, B. D. \_\_\_\_\_ Philosophy  
 B. S., University of Pennsylvania  
 B. D., Union Theological Seminary  
 1 Year Graduate Work, Columbia University  
 1 Year Graduate Work, Yale University
- James Cannell, B. S. \_\_\_\_\_ Physical Education  
 B. S., Springfield Y. M. C. A.
- Clarence M. Carhart, B. S.\* \_\_\_\_\_ Mechanical Drawing  
 B. S., Ohio Northern University
- Denton T. Doll, B. S. \_\_\_\_\_ Mathematics  
 B. S., Case School of Applied Science
- Margaret Evans, B. S. \_\_\_\_\_ Art  
 B. S., University of Chicago  
 Pupil of Arthur Dow, of Columbia, and Walter Sar-  
 gent, of Chicago

- D. H. Fairfield, B. P. E.\* \_\_\_\_\_ Hygiene  
 B. P. E., George Williams College  
 1 Year Graduate Work, George Williams College
- Castle W. Foard, Ph. D. \_\_\_\_\_ Mathematics and Physics  
 A. B., University of Wichita  
 M. S., University of Kentucky  
 Ph. D., University of Iowa
- Ceylon Hollingsworth\* \_\_\_\_\_ Fine Arts  
 Pupil of William M. Chase, New York City
- Carl Klaesius\* \_\_\_\_\_ Engineering Drawing  
 Member, American Society of Civil Engineers
- Alvin Myerovich \_\_\_\_\_ Violin  
 Pupil of Sascha Jakobinoﬀ and Albert Meioﬀ, Curtis  
 Institute of Music, Philadelphia; Andre de Ribeau-  
 pierre, Louis Persinger, and Joseph Fuchs, Cleveland  
 Institute of Music; Graduate of Cleveland Institute of  
 Music
- Eleanor B. North, A. M. \_\_\_\_\_ English  
 A. B., Pennsylvania State College  
 A. M., Pennsylvania State College
- O. L. Reid, A. M. \_\_\_\_\_ English  
 A. B., Indiana University  
 A. M., New York University  
 LL. B., University of Louisville
- Leonard T. Richardson, Ph. D. \_\_\_\_\_ Modern Language  
 A. B., Aurora College  
 A. M., University of Chicago  
 Docteur de l'Universite de Grenoble (France)
- P. J. Ross, Jr., M. A.\* \_\_\_\_\_ Political Science  
 A. B., Kentucky Wesleyan  
 M. A., University of Kentucky  
 2 Years Graduate Work, University of Kentucky
- Theresa Scarnecchia, A. B.\* \_\_\_\_\_ Italian  
 A. B., Youngstown College  
 1 Year Graduate Work, University of Pittsburgh
- Eugene Dodd Scudder, Ph. D. \_\_\_\_\_ Chemistry  
 A. B., Indiana University  
 A. M., Indiana University  
 Ph. D., Indiana University
- Catherine Berg Semans, A. M.\* \_\_\_\_\_ English  
 A. B., Ohio State University  
 A. M., Ohio State University

- Frank M. Semans, Ph. D. \_\_\_\_\_ Biology  
 A. B., Ohio State University  
 A. M., Ohio State University  
 Ph. D., Ohio State University
- Joseph Earle Smith, Ph. D.\* \_\_\_\_\_ Social Science  
 A. B., Oxford University (England)  
 A. M., University of Nebraska  
 Ph. D., Wallas College, London
- Eloise E. Spencer, B. S.\* \_\_\_\_\_ Physical Education  
 B. S., University of Nebraska
- Henry V. Stearns, D. Ped. \_\_\_\_\_ Music  
 B. Mus., American Conservatory of Music  
 F. A. G. O.  
 D. Ped., Cincinnati Conservatory of Music
- H. C. Welch, B. S.\* \_\_\_\_\_ Mathematics  
 B. S., Syracuse University
- George M. Wilcox, Ph. D. \_\_\_\_\_ Education  
 A. B., Cornell College  
 A. M., State University of Iowa  
 Ph. D., Columbia University  
 2 Years Graduate Work, State University of Iowa
- Guy Wright, A. B.\* \_\_\_\_\_ History  
 B. S., New Lyme Institute  
 A. B., Thiel College
- William H. Bunn, M. D., F. A. C. P. \_\_\_\_\_ Lecturer in Biology  
 Wooster College  
 M. D., Jefferson Medical College  
 Post-Graduate work, Sir James MacKenzie Institute for  
 Clinical Research, St. Andrews, Scotland

\*Instructors not carrying full teaching load.

## School of Business Administration

- Charles F. Axtmann, M. S. \_\_\_\_\_ Business Administration  
 B. S., Syracuse University  
 M. S., Syracuse University
- John R. Bell, M. Ed. \_\_\_\_\_ Accounting  
 Ph. B., Bucknell University  
 M. Ed., University of Pittsburgh
- Paul H. Bolton \_\_\_\_\_ Advertising
- Elmer E. Burgeson, B. C. S. \_\_\_\_\_ Accounting  
 B. C. S., Youngstown College  
 Certified Public Accountant
- Arthur L. Carter, LL. B. \_\_\_\_\_ Business Law  
 A. B., Muskingum College  
 LL. B., Youngstown College
- David Endres, A. B. \_\_\_\_\_ Accounting  
 A. B., University of Michigan  
 Certified Public Accountant
- Roy R. Fellers, LL. B. \_\_\_\_\_ Public Speaking  
 A. B., University of Michigan  
 LL. B., Youngstown College
- Elmer Hykes, B. S., \_\_\_\_\_ Accounting  
 A. B., Bliss College  
 B. S., Bliss College  
 1 Year Graduate Work, Denver University  
 and Ohio State University
- Thomas Jones, B. C. S. \_\_\_\_\_ Accounting  
 B. C. S., Youngstown College
- O. L. Pfau, A. B. \_\_\_\_\_ Credits and Collections  
 A. B., Wooster College
- S. E. Trinkle \_\_\_\_\_ Commercial Art
- John Wampler, B. Ed. \_\_\_\_\_ Accounting  
 B. C. S., Youngstown College  
 B. Ed., Shippensburg State Normal College

## School of Law

Judge George H. Gessner, LL. B.  
LL. B., Western Reserve University

Henry C. Church, LL. B.  
LL. B., Baldwin-Wallace College

Raymond Falls, A. B., LL. B.  
A. B., Thiel College  
LL. B., Western Reserve University

John W. Ford, A. B., A. M., LL. B.  
A. B., Yale University  
A. M., Harvard University  
LL. B., Harvard University

Judge Erskine Maiden, Jr., A. B.  
A. B., Harvard University  
Harvard Law School  
Western Reserve Law School

Richard Wills, A. B., LL. B.  
A. B., Yale University  
LL. B., Yale University

Knowles Wyatt, B. S., LL. B.  
B. S., Muskingum College  
LL. B., Youngstown College

## FACULTY COMMITTEES

*Athletic Board*—Mr. Foard, chairman; Mr. Fairfield, Mr. Doll.

*Catalog*—Miss Flint, chairman; Mr. Bowden, Mr. Bare, Mr. Reid.

*Chapel and Religious Activities*—Mr. Stearns, chairman; Miss North, Mr. Bare.

*Commencement*—Mr. Foard, chairman; Mr. Stearns.

*Coordination*—Mr. Burt, chairman; Mr. Foard, Miss Evans, Mr. Doll, Mr. Stearns, Mr. Wilcox, Mr. Sutton, Mr. Buchanan.

*Credits and Admission*—Mr. Buchanan, chairman; Mr. Wilcox, Mr. Semans.

*Curriculum*—Mr. Scudder, chairman; Mr. Burt, Mr. Reid, Mr. Wilcox, Mr. Foard.

*Discipline*—Miss North, Mr. Wilcox.

*Faculty-Student Relations*—Mr. Scudder, Mr. Doll.

*Library*—Mr. Bowden, chairman; Mr. Richardson, Mr. Reid.

*Social Activities*—Mr. Doll, chairman; Mr. Burt, Mr. Bunn.

*Note*—The President is ex-officio a member of all committees.



## OBJECTIVES OF YOUNGSTOWN COLLEGE

The College is responding to the demand of the community to meet the needs of a definite constituency not otherwise provided for.

I. The function of Youngstown College is to provide the best possible education for students living in or near Youngstown.

A. In accomplishing this it aims to make an education economically possible for many students who could not afford the greater expense of attending school away from home, and to lessen the difficulties of many students who leave the supervision of home and high school and find themselves unprepared for the freedom of college life.

B. There is an increasing need in modern society for adult education. To assist employed students, Youngstown College provides late afternoon and evening classes in cultural and vocational subjects, including business, teacher training, and law.

II. The task of education requires a threefold emphasis: on the individual's personal life and character development, on his social relationship, and on his intellectual and professional pursuits. To achieve these ends the college seeks to promote:

A. A thorough understanding and practice of the habits of physical health and hygienic living.

B. Through the personnel services of the College, the more complete self-realization of the individual, first by promoting his growth along lines common to all educated men, and, secondly, by developing his special interests and abilities.

C. A sound, continuously unfolding, personal philosophy of life, based upon a comprehension of the things which are of permanent importance, and involving:

1. An appreciation of the values present in modern life, moral, religious, and aesthetic as well as intellectual, which will make life rich and satisfying regardless of material wealth.

2. An intelligent understanding of one's self in relation to others, leading to standards of rational conduct and self-discipline derived from within rather than from external authority.

3. Stability and integrity of character, arising from sound principles and a sustaining religious faith, regardless of church affiliations.

D. A broad, liberal, and cultural education, to the end that the student may be prepared for life and leadership in our complex and constantly changing democracy. Such education involves:

1. Habits of free inquiry, exact observation, and disinterested love of truth.

2. A taste for good reading; familiarity with the general content and ideals of the several fields of knowledge; and mastery of the field to which the student has, in particular, applied himself.

3. Ability to express one's self clearly and forcefully.

E. A practical acquaintance with professional and pre-professional techniques and a training in them.

In emphasizing the health, character, religious life, and intellectual attainments of its students, the general objectives of Youngstown College are identical with the basic purposes of The Young Men's Christian Association with which the College is affiliated. The approach and emphasis of the College, however, is somewhat different from that of the Association, in that it endeavors to accomplish its ends not only by personal influence and environment, but also by systematic and thorough instruction in the chief fields of human knowledge.

### HISTORICAL SKETCH

In 1888 the Board of Trustees of the Youngstown Young Men's Christian Association founded the Youngstown Association School, offering men and boys evening classes in numerous unrelated courses.

In 1908 the Law School was opened with a class of nine. This developed until complete preparation was offered for bar examination and subsequent practice of law. In 1920 the State of Ohio gave the Law School the right to grant the degree of Bachelor of Laws. The Law School is a member of the Ohio League of Law Colleges.

In 1920 the full four-year course in Business Administration was offered for the first time.

In 1921 the name, the Youngstown Association School, was changed to the Youngstown Institute of Technology. In the fall of the same year the first liberal arts courses were given in the evenings, with professors from nearby colleges teaching the classes, now of women as well as of men.

In 1927 the steady demand and growth in numbers brought about the establishment of a Day College of Liberal Arts, and the Youngstown Institute of Technology became Youngstown College. At this time high school graduates as entrants began to outnumber the evening adult students.

In 1930, by permission of the State Department of Education, Youngstown College was authorized to grant the degree of Bachelor of Arts to its June graduating class.

During this growth the school had been moved twice; first from the third floor of the Central Y. M. C. A. Building to the Bonnell residence at 315 Wick Avenue, and again to the John C. Wick Home at 410 Wick Avenue. On October 1, 1931, it finally moved into its present, new, first College building.

In 1933 Youngstown College was fully accredited by the State Department of Education for the training of high school teachers and complete preparation for this training was offered.

Youngstown College is controlled by its Board of Governors, appointed by the Board of Trustees of The Young Men's Christian Association, who are representative leading men in various industries and professions, and who are looking toward an even greater growth for the school. It now includes the School of Liberal Arts, the School of Law, and the School of Business Administration.

## GENERAL INFORMATION

### Buildings

The Main College Building is a beautiful structure of Indiana limestone at the corner of Wick and Lincoln Avenues, at 410 Wick Avenue. At 416 Wick Avenue adjoining north on the campus is the Henry Wick residence, used for class and recreation rooms. To the north of that is the Butler Art Gallery, now used by the Art Department of the College. To the east is the Gothic structure, St. John's Episcopal Church. Within three blocks, south and east, are the Central Y. M. C. A. and Y. W. C. A. buildings. The City Library and the First Reformed Church are also close by.

### Library

The Liberal Arts College Library occupies the fourth floor, comprising two reading rooms, one magazine file room, and one large stack room. Recently, several thousand volumes have been added annually and will continue to be added for some time to come. In addition, students have access to the Reuben McMillan Free City Library, a block away.

The Law Library consists of over 5,000 volumes of law books and is located on the first floor near the Treasurer's office.

### Musical and Cultural Advantages

Students at Youngstown College have unusual opportunities for hearing a wide range of the best in music. Not only are there the recitals by faculty and students, the free organ recitals at Stambaugh Auditorium under the auspices of the American Guild of Organists, and the concerts by the Youngstown Little Symphony Orchestra, but each year the Monday Musical Club brings to Youngstown a number of the world's great musical artists in concert. The cost of these concerts is easily within reach of all students.

The recent affiliation of Youngstown College and The Butler Art Institute places at the disposal of the college students a splendid art laboratory where they may study and become acquainted with the fine art collections at the Institute. The Butler Art Institute exchanges pictures with some of the great art galleries in the country, affording unusual advantages to art students.

### The College Year

The *School of Liberal Arts* is divided into two semesters of eighteen weeks each. School is in session five days and

evenings a week. The courses are so arranged that students graduating from high school in January and wishing to enter college at that time may work out a satisfactory schedule for the second semester. It is possible to shorten the course by attending the summer session.

The *School of Law* operates on the quarter plan. The quarters are designated as Summer, Fall, Winter, and Spring. Four quarters constitute the year's work.

### Evening Classes

Youngstown College offers an evening schedule enabling employed men and women to attend classes after working hours. The schedule is so arranged that students may complete the entire college course in evening classes and receive the Bachelor of Arts or Bachelor of Laws degree.

### Scholarships

Twelve scholarships of about \$100 each are given to upper classmen each year, based principally on scholarship, general ability, and need. A similar number for \$100 each are granted freshmen yearly on the same basis.

A scholarship to cover the amount of a year's tuition in instrumental or vocal courses is offered by each faculty member of the School of Music. The award is determined by competitive examination before a faculty committee at the beginning of the school year.

### Summer Session

Youngstown College holds a nine-week Summer Session each summer. Courses are offered in Science, Education, English, Modern Language, Mathematics, Philosophy, Psychology, History, Economics, Political Science, and Sociology. Both day and evening classes are available. A student may complete nine semester hours of credit.

## COLLEGE ACTIVITIES

The college aims to foster student participation in various extra-curricular activities, such as, athletics, debating, and music functions. However, since the scholastic standing of the student must always take precedence over the extra-curricular activities, the Administration deems it wise to limit the participation in other activities to students whose point index for scholastic standing is above 1.5.

### Student Council

The students of the college are organized under the name of the Student Council of Youngstown College. This Council operates under a constitution and has general oversight of all student activities. It cooperates with the various special student organizations and makes recommendations to the faculty regarding such matters as seem to affect the welfare of the college. The Council consists of ten members and a president elected by the student body, and one faculty representative selected by the Administration.

### The Purple Mask

The Purple Mask, organized in 1927-1928, is composed of students interested in the study and presentation of modern dramatic forms. Membership is limited to those who show continued interest and willingness to work. Plays are produced throughout the school year, and students gain valuable experience in dramatic work.

### Musical Organizations

Various musical activities are encouraged and supported by the College. Frequent recitals during the year provide an opportunity for training in public performance that is invaluable to the young musician.

A Men's Glee Club and a Women's Glee Club are open to all students of the College and give excellent training for this type of work.

The Chapel Choir is a group of about twenty-five men and women chosen for their vocal and musical ability. The Choir gives several public performances each year and sings at each college chapel service.

The College Orchestra was organized to provide an opportunity for musical growth and development for all students who are interested. The Orchestra provides music for many college functions and concerts.

### Honor Point System

The Honor Point System of Youngstown College was initiated by the Student Council and after some changes was unanimously adopted by the faculty with the end in view of recognizing not only scholastic attainments but extra-curricular activities as well. Students attaining thirty honor points are eligible to be placed on the honor roll. The three students earning the largest number of points each year will be presented a pearl-studded pin with the letters "Y. C.," the official emblem of the college.

Eligibility to the honor roll includes the points made both in scholastic and extra-curricular activities and no student shall be considered eligible for a pin who has not achieved the majority of his points in scholarship.

The points are outlined as follows:

#### *Scholastic*

- 1 point, for every semester hour of "A"  
grade  
 1/2 " " for every semester hour of "B"  
grade

#### *Extra-Curricular*

- |    |        |                           |
|----|--------|---------------------------|
| 10 | points | Student Council President |
| 8  | "      | Student Council Officers  |
| 8  | "      | Jambar Editor             |
| 8  | "      | Annual Editor             |
| 8  | "      | Basketball Captain        |
| 7  | "      | Student Council Members   |
| 7  | "      | Senior Basketball Manager |
| 7  | "      | Basketball Major Awards   |
| 5  | "      | Athletic Board Chairman   |
| 5  | "      | Intramural Board Chairman |
| 5  | "      | Senior Class President    |
| 5  | "      | Junior Class President    |
| 5  | "      | May Queen                 |
| 5  | "      | Junior Basketball Manager |
| 5  | "      | Jambar Business Manager   |
| 5  | "      | Debating Club President   |
| 5  | "      | Jambar Staff              |
| 5  | "      | Annual Staff              |
| 5  | "      | Annual Business Manager   |
| 5  | "      | May Day Chairman          |
| 3  | "      | Athletic Board Members    |
| 3  | "      | Intramural Board Members  |

3	points,	Cheer Leaders
3	"	Athletic Minor Awards
3	"	Debating Team
3	"	Major Parts in Plays
1	point,	Glee Club President
1	"	Class Officers
1	"	Dramatic Club President
1	"	Glee Club Members
1	"	Chapel Choir Members
1	"	Minor Parts in Plays
1	"	Stage Managers and Electricians
1	"	Chairman for May Day Sub-Committees

The above Honor Point rating system, by its very nature, applies to the regular full-time students. Part-time and irregular students whose work is completed in late afternoon and evening classes, naturally do not have opportunities to engage in extra-curricular activities on the same basis as the full-time day students. In order to recognize the merit of their work, a slight change is necessary in according honors. Instead of placing the honors on the yearly basis, such students as deserve recognition based on scholastic as well as upon the other activities, will be recognized appropriately at the end of their senior year.

### College Organizations

Athletic Board	Open Road Club
Chapel Choir	Orchestra
College Chorus	Social Science Club
Cosmopolitan Club	Student Council
Debate Club	The Purple Mask
Women's Glee Club	Varsity Club
Men's Glee Club	Women's Intramural Board

### *Professional and Honorary Fraternities*

Alpha Sigma Pi (Law, National)  
 Beta Chapter of Phi Epsilon (Science)  
 Omicrom Lambda (Science)  
 Phi Epsilon (Science)  
 Sigma Tau Delta (English, National)

### *Social Fraternities*

Alpha Pi Sigma (National)	Phi Lambda Delta
Gamma Sigma	Phi Sigma Epsilon
Phi Gamma	Sigma Delta Beta
Phi Kappa Delta	Sigma Kappa Phi



## REGISTRATION AND CLASSIFICATION

### Registration

The office of the Registrar is located on the main floor, and is open from 8:30 A. M. until 9:30 P. M. every day, with the exception of Saturday, when it closes at noon. Every student must register at the beginning of each semester, and early registration is required so that there may be no delay in beginning classes. A fee of \$1.00 will be paid by all students who register late.

Fifteen hours is the normal schedule. No Freshman may carry more than fifteen hours of academic work except in cases where the nature of the work may require some adjustment in order to complete the schedule, in which case a maximum of sixteen hours may be allowed. Advanced students, depending upon their past record, may petition the faculty for permission to carry additional hours not to exceed a total of eighteen.

Any student who wishes to change his schedule of classes after registration by dropping a course, adding a course, or substituting one course for another, must fill out the Change of Registration Form and get it properly approved. Otherwise a mark of failure is recorded for the course he dropped.

### Requirements for Admission

All candidates for admission to the college are expected to furnish satisfactory evidence of good character. The filing of a formal application on blanks furnished by the college is required.

Graduates of a first grade high school or an accredited secondary school will be admitted to Youngstown College upon presentation of a satisfactory official transcript of the high school credits.

The entering student who is in the lower third of his high school class will be required to take Psychological Tests before his application for admission will be acted upon and will be on probation until he has demonstrated his ability to do college work.

Application for admission and filing of a statement of high school credits should be made as soon after graduation from high school as possible.

As a broad and adequate foundation for the course in Liberal Arts, the following distribution of units in the high school is required:

English .....	3 units
United States History and Civics .....	1 unit
Algebra .....	1 unit
Geometry .....	1 unit
Laboratory Science .....	1 unit
Foreign Language .....	2 units
Acceptable Electives .....	7 units

One year of Chemistry and one year of Biology is necessary before entering The Youngstown Hospital Training School for Nurses. Consequently, students enrolling for the Pre-Nursing course, which is offered in co-operation with The Youngstown Hospital Training School, must meet these requirements.

*Admission to Advanced Standing*—Students from other colleges are required to present a complete transcript of all work taken in that college and a statement of all high school work taken. In each case the applicant must present a letter of honorable dismissal from the school last attended.

*Freshmen entering the Law School* will be required to submit sixty semester hours credit in a Liberal Arts College to satisfy admission requirements.

### Classification of Students

Students are classified as regular, special, or irregular students.

*Regular Students* are those who have been graduated from an accredited high school and who carry the normal amount of work. Students allowed to enter with a condition may be classed as regular students if they carry full work, but will be required to make up entrance deficiencies by the end of the freshman year.

*Special Students* are those who are not high school graduates, but who because of maturity are allowed to pursue college work. Thus, a limited number of students whose credits may not be accepted toward a degree, may be cared for each year as special students.

*Irregular Students* are those who are high school graduates, but who are carrying less than a normal load. Evening students, while irregular in this sense, are classed separately because they constitute a large group.

## GRADE REQUIREMENTS

### Scholastic Point System

The passing grades give points as follows: A, 3 points per hour; B, 2 points per hour; C, 1 point per hour; D, no point. The point index is the basis of computing averages, and represents the average number of points per hour earned by the student for a given semester or number of semesters. It is figured by dividing the total number of points earned by the total number of hours for which the student was registered. Thus, a student registered for 16 hours and earning 24 points would have a point index of 1.50.

A student must have 124 points for graduation, or an average grade of C+.

### Grades

Grades for work done are recorded as follows: A, excellent; B, good; C, fair; D, poor; F, failure.

"A" indicates that a student has an especially fine grasp of the subject matter of the course and has placed upon it the stamp of his own individual thinking.

"B" indicates that a student has an intelligent grasp of the subject and has fulfilled the requirements of the course, but without showing any exceptional ability or individuality in his approach to the subject.

"C" indicates fair work but with nothing of an exceptional nature. It indicates average quality and ability without a thorough grasp of the subject.

"Inc." indicates incomplete work for the semester and automatically becomes a failure if not removed within a year.

"D" indicates poor work of inferior quality and preparation.

"F" indicates failure.

*Any student who has not passed in one-half of his work is not eligible to re-enroll for the succeeding semester.*

## REQUIREMENTS FOR DEGREES

### Requirements for the Bachelor of Arts Degree

#### Group Requirements

##### Group I

English (Including English Composition) . . . 11 hours

Other English work may be substituted for English Composition at the discretion of the head of the English Department, except for students who expect to teach English. No student shall be graduated who has not satisfied the head of the English Department concerning his proficiency in the use of English.

Modern Language—

A reading knowledge of one modern language is required, implying a knowledge equivalent to two years of college work. A certificate indicating that the student has fulfilled this requirement must be obtained from the head of the Modern Language Department.

##### Group II

Laboratory Science .....	8 hours
Science (Laboratory or Non-Laboratory) or Mathematics .....	3 hours

One year of continuous work is required in one laboratory science. If the student has had no high school work in a Physical Science, one semester of such science is required; if he has had no high school work in a Biological Science, one semester of such science is required in college.

##### Group III

Social Science .....	9 hours
Psychology, Philosophy, Bible .....	6 hours

##### Group IV

Physical Education .....	2 hours
Hygiene .....	1 hour
Orientation .....	1 hour

One half hour's credit is given for each of four semesters of gymnasium work, consisting of two one-hour periods per week.

One hour's credit is given for one semester's work in Hygiene and Orientation, respectively. These courses should be taken during the Freshman year.

Students may be excused when necessary from taking Physical Education by presenting a letter from the family physician, in which case an equivalent amount of academic work must be substituted.

### *Major and Minor Requirements*

Each student is required to have a major and at least one minor. Major requirements in all departments consist of thirty semester hours. A minor consists of fifteen semester hour's work in a field related to the major.

The head of the department in the major field should be consulted as early as possible by the student in planning his work. It is desirable that the work be planned beginning with the Freshman year and almost essential, in some departments, that this planning not be postponed later than the beginning of the Sophomore year if the student is to have a satisfactory program throughout his college work.

The major and minor work must in all cases meet the approval of the head of the department in which the major work is taken.

### *Total Hour Requirements; Distribution by Years*

Electives sufficient, together with the required subjects, to make a total of 124 semester hours must be taken for graduation. *One semester hour's credit represents three hours' work per week, for one semester, in preparation, recitation, lecture, or laboratory work.*

Not less than 30 semester hours must be taken in Youngstown College.

At least 60 semester hours must be taken in courses numbered 200 and above.

At least 40 semester hours must be taken in courses numbered 300 and above.

Any Senior who takes a course which has a number below 200, will have his credit for that course reduced by one-third.

### *Attendance Requirements*

By action of the Faculty, there may be a reduction of the number of credits earned toward graduation during any semester, in the case of students who are irregular in attendance at chapel, assembly, or classes.

### *Requirements for the Bachelor of Laws Degree*

The entire course of study as outlined on page 36 is required for the Bachelor of Laws Degree.

*Application for a degree must be filed with the Registrar and the diploma fee must be paid at least 60 days prior to Commencement.*

**FEES AND EXPENSES**

**Schools of Liberal Arts and Business Administration**

All fees and tuition are due the first week of the semester. Registration is not complete and admission to classes will not be approved until all tuition has been paid, or payments have been arranged with the Business Manager.

*Full-Time Students*

Matriculation Fee (Payable once only) .....	\$5.00
Tuition (12-15 semester hours) .....	75.00
Each Additional Semester Hour (Academic) ..	5.00
Laboratory Fee (Chemistry or Physics)	
First credit hour .....	3.00
Each additional hour .....	2.00
Breakage Deposit (Chemistry or Physics) .....	3.00
Student Activity Fee .....	5.00
Gymnasium Fee .....	5.00
Diploma Fee .....	5.00
Library Fee .....	2.00

(For fees in Biology, Music, and Engineering Drawing, refer to Courses. For special fees in Art courses, ask for Art folder.)

*Estimated Semester Expenses*

Tuition .....	\$75.00
Student Activity Fee .....	5.00
Gymnasium Fee .....	5.00
Laboratory Fee .....	5.00
Library Fee .....	2.00
Books and Supplies .....	20.00

Total, \$112.00

*Students Carrying Less Than Twelve Semester Hours*

3 semester hours .....	\$25.00
4 semester hours .....	32.50
5 semester hours .....	40.00
Each additional semester hour .....	5.00
Laboratory Fees (See above.)	
Student Activity Fee (For students carrying 6-11 hours, both inclusive. This includes Library Fee.) .....	2.50

Students who desire to pay their tuition in installments shall make the first payment within ten days after the opening

of the semester. The attendance cards for those students not complying with the above requirement will be withdrawn.

Students who do not make settlement in full within ten days will pay a carrying charge. When the total tuition charge is not more than \$35.00, the carrying charge is 10% of the total. A flat rate of \$5.00 is charged when the tuition is more than \$35.00.

One transcript of credits to another college is granted. A fee of \$1.00 is charged for each additional transcript.

The Matriculation Fee covers the cost of registration, and should accompany application.

### School of Law

Tuition each quarter, \$40.00.

A ten percent discount will be allowed to those who pay cash on the opening evening of each quarter. Students who desire to pay their tuition in installments shall make the first payment within ten days after the opening of the semester. The attendance cards for those students not complying with the above requirement will be withdrawn.

# Curriculums

## BIOLOGY

### Suggested Curriculum for the Bachelor of Arts Degree with a Major in Biology

#### First Year

Biology 101-102 .....	8 hrs.	Physical Education .....	1 hr.
Chemistry 109-110 or 111-112..	8 hrs.	Hygiene .....	1 hr.
English 101-102 .....	6 hrs.	Orientation .....	1 hr.
French or German.....	6-8 hrs.		

#### Second Year

Biology 201-202 or 203-204.....	8 hrs.	Mathematics 205 .....	3 hrs.
Chemistry 211 .....	3 hrs.	English .....	5 hrs.
Chemistry 215 .....	3 hrs.	Physical Education .....	1 hr.
French or German.....	6 hrs.	Electives .....	2 hrs.

#### Third Year

Biology Elective .....	8 hrs.	Geology 201, 202.....	4 hrs.
Physics 201-202 .....	10 hrs.	Social Science .....	3 hrs.
Astronomy 201-202 .....	4 hrs.	Electives .....	3 hrs.

#### Fourth Year

Biology Elective .....	8 hrs.	Psychology 202 .....	3 hrs.
Biology 401.....	2 hrs.	Social Science .....	6 hrs.
Psychology 201 .....	3 hrs.	Electives .....	10 hrs.

It is recommended that the student take more than one year of either the French or German.

## BUSINESS ADMINISTRATION

The course in Business Administration offers an opportunity for students to secure an A. B. degree with a major in business administration. The purpose of this course is to give training in accounting and business administration.

The field of public accounting is particularly alluring. It is the aim of the school to prepare its students for accounting work and for the C. P. A. Examination. This degree, which is granted by the various states, is a mark of distinction which is recognized in all fields of accounting, public and private.

The course in Business Administration aims to develop general executives as well as specialists in the fields of marketing, advertising, and salesmanship.

### Suggested Curriculum for the Bachelor of Arts Degree with a Major in Business Administration

#### First Year

English 101-102 .....	6 hrs.	Physical Education .....	1 hr.
Chemistry or Biology.....	8 hrs.	Hygiene .....	1 hr.
Business Organization 101.....	3 hrs.	Orientation .....	1 hr.
Geography 101 .....	3 hrs.	Electives .....	5 hrs.
Mathematics 111-112 .....	4 hrs.		

#### Second Year

Accounting 201-202 .....	6 hrs.	Business Organization 303.....	3 hrs.
Economics 101, 102.....	6 hrs.	Speech 115, 116.....	4 hrs.
Modern Language .....	6-8 hrs.	Physical Education .....	1 hr.
Business Organization 201.....	3 hrs.		



## Third Year

Accounting 300 .....	3 hrs.	Speech 313 .....	2 hrs.
Economics 307 .....	3 hrs.	Psychology 201 .....	3 hrs.
Business Organization 315.....	3 hrs.	Psychology 301 .....	3 hrs.
Business Organization 322.....	3 hrs.	Electives .....	10 hrs.

## Fourth Year

Accounting 301 .....	3 hrs.	Electives .....	24 hrs.
Accounting 302 .....	3 hrs.		

### Suggested Curriculum for the Title of Associate in Business Administration

The special evening program outlined below includes the most essential courses for preparation for the fields of accounting and business administration, and is designed to meet the needs of students employed during the day. The following course may be completed in four years by attending school three evenings a week or by doing summer school work.

The student who desires to complete the necessary work for the A. B. Degree may do so in day or evening classes.

## First Year

English 101-102 .....	6 hrs.	Accounting 201-202 .....	6 hrs.
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## Second Year

Accounting 300 .....	3 hrs.	Accounting 301a .....	3 hrs.
Economics 101, 102.....	6 hrs.		

## Third Year

Business Organization 201.....	3 hrs.	Business Organization 303.....	3 hrs.
Accounting 303, 304.....	6 hrs.		

## Fourth Year

Accounting 401, 402.....	6 hrs.	Electives .....	6 hrs.
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## Fifth Year

Accounting 403, 404.....	6 hrs.	Electives .....	6 hrs.
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## CHEMISTRY

### Suggested Curriculum for the Bachelor of Arts Degree with a Major in Chemistry

## First Year

English 101-102 .....	6 hrs.	Mathematics 114 .....	3 hrs.
Chemistry 109-110 or 111-112..	8 hrs.	Physical Education .....	1 hr.
French or German.....	6-8 hrs.	Hygiene .....	1 hr.
Mathematics 103 .....	3 hrs.	Orientation .....	1 hr.
Mathematics 111-112 .....	4 hrs.		

## Second Year

Mathematics 209-210 .....	10 hrs.	French, German, or Biology 101-102 .....	6-8 hrs.
Chemistry 203 .....	5 hrs.	Economics .....	3 hrs.
Chemistry 209 .....	5 hrs.	Physical Education .....	1 hr.

## Third Year

Physics 201-202 .....	10 hrs.	Chemistry 317 .....	2 hrs.
Chemistry 304 .....	5 hrs.	French, German, or Biology 101-102 .....	6-8 hrs.
Chemistry 306 .....	3 hrs.	Speech 115 .....	2 hrs.
Chemistry 315 .....	3 hrs.		

## Fourth Year

Chemistry 311-312 .....	6 hrs.	English .....	3 hrs.
Chemistry 319 .....	2 hrs.	*Psychology, Philosophy, or Bible	6 hrs.
Chemistry 320 .....	2 hrs.	Electives .....	5 hrs.
Social Science .....	6 hrs.		

\*Should be taken earlier in the course if Modern Language permits.

**EDUCATION**

The Department of Education of Youngstown College is approved by the Department of Education of the State of Ohio for the training of high school teachers. The courses in Education give the prospective teacher opportunity to secure both a theoretical background and practical experience in the teaching profession. Students who expect to qualify for the Four-Year Provisional Certificate of the State of Ohio must complete not less than twenty semester hours of professional training. The following courses are definitely required: Educational Psychology (three credits), Introduction to Teaching (three credits), Principles of Teaching (three credits), Classroom Administration, Organization, and Management (three credits), Special Methods in a high school subject (two credits), and Supervised Student Teaching (three to five credits). Not later than the beginning of his Junior year, the student should consult with the head of the Department of Education to ensure that his plans for professional preparation are adequate. The student should also plan his courses well in advance to be sure that he will satisfy the major, minor, and group requirements for the degree of Bachelor of Arts at Youngstown College. In the subjects which he will teach in high school, the Department of Education of the State of Ohio requires that the prospective teacher shall have a major of at least eighteen semester hours and two minors of at least twelve semester hours each, in addition to certain high school prerequisites. Special Methods courses may be counted in computing majors and minors. Certain other courses in Education may also be counted in computing majors and minors in certain subjects. A student may take a major in Education by having at least twenty-seven semester hours in Education, but it should be realized that this major cannot be utilized as a high school teaching subject.

**Suggested Curriculum for the Teacher Training Course  
Leading to the Bachelor of Arts Degree**

**First Year**

English 101-102 .....	6 hrs.	Social Science .....	3 hrs.
Modern Language .....	6-8 hrs.	Hygiene .....	1 hr.
Laboratory Science .....	8 hrs.	Orientation .....	1 hr.
Physical Education .....	1 hr.	Electives .....	5-8 hrs.

**Second Year**

Psychology 201 .....	3 hrs.	Social Science .....	6 hrs.
Psychology 202 .....	3 hrs.	Science or Mathematics.....	3 hrs.
Speech 115 .....	2 hrs.	Physical Education .....	1 hr.
English 203 or 204.....	3 hrs.	Electives .....	10 hrs.

**Third Year**

Education 300 .....	3 hrs.	Education 306 .....	2 hrs.
Education 301 .....	3 hrs.	Education 308 .....	3 hrs.
Education 303 .....	2-3 hrs.	Electives .....	14-13 hrs.
Education 304 .....	3 hrs.		

**Fourth Year**

Education 400 .....	2 hrs.	Education 404 .....	3-5 hrs.
Education 401 .....	3 hrs.	Electives .....	22-20 hrs.

Schedule of Professional Courses Required for Provisional Certificates

Subjects	Semester Hours
Educational Psychology . . . . .	2 or 3
(Prerequisite, a course in General Psychology)	
Principles of Teaching . . . . .	2 or 3
Administration, Organization, Management . . . . .	2 or 3
Methods . . . . .	2
Electives (chosen from the list below) enough when added to the courses above to total . . . . .	14
History of Education . . . . .	2 or 3
Introduction to Teaching . . . . .	2 or 3
Tests and Measurement . . . . .	2 or 3
Educational Sociology . . . . .	2 or 3
Ohio School Law . . . . .	2 or 3
Any other educational subject . . . . .	2 or 3
Student Teaching (Number of hours determined by attainment and proficiency of the student) . . . . .	3 to 5
Total professional requirements . . . . .	17 to 19

Applicants for provisional high school certificates should complete one major and two minors in content material. A major requires the completion of not less than eighteen semester hours and a minor of not less than twelve semester hours.

Major and Minor Requirements

Major—18 Sem. Hrs.	Minor—12 Sem. Hrs.
Mathematics 2 units h. s.	
Required 9 sem. hrs.	Required 6 sem. hrs.
Col. Alg. . . . . 3	Col. Alg. . . . . 3
Col. Geom. . . . . 3	Col. Geom. . . . . 3
Trig. . . . . 3	
Elective 9 sem. hrs.	Elective 6 sem. hrs.
Any higher math.	Same as major elective
Astronomy	
Statistics	
Excess in req. subjects	
Com. Arith.	
English 3 units h. s.	
Required 12 sem. hrs.	Required 6 sem. hrs.
Eng. Comp. . . . . 6	Eng. Comp. . . . . 3
Eng. and Am. Poetry . . . . . 3	Eng. or Am. Prose and or Poetry 3
Eng. and Am. Prose . . . . . 3	
Elective 6 sem. hrs.	Elective 6 sem. hrs.
Public Speaking	Same as major elective
Literature	
Any other English or excess in requirement.	

**Major—18 Sem. Hrs.**

Required 12 sem. hrs.

History 2 units h. s.	World History .....	3
	American History .....	3
	Government or Pol. Science.....	3
	Modern Trends .....	3

Elective 6 sem. hrs.

Any other branch of secular history.  
Excess credit in major requirements.

Required 9 sem. hrs.

Social Science 1 unit h. s. (May be Hist. or Geog.)	Economics .....	3
	Sociology .....	3
	Ethics, Philosophy, Logic; Any one or any combination.....	3

Elective 9 sem. hrs.

Excess in req. subjects  
Econ. Geog.  
Social Civics  
Indus. History  
Commercial Geography  
Industrial Geography

Required 9 sem. hrs.

Biological Science 1 unit h. s.	Zoology .....	3
	Botany .....	3
	or Gen. Biology.....	6
	Physiology, Hygiene or Agriculture	3

Elective 9 sem. hrs.

Excess in req. sub.  
Entomology  
Bacteriology

Required 12 sem. hrs.

Physical Science 1 unit h. s.	Physics .....	6
	Chemistry .....	6

Elective 6 sem. hrs.

Excess in req. sub.  
Any branch of chem. or physics or  
related physical science.

Required 12 sem. hrs.

Earth Science 1 unit h. s.	Geology .....	3 to 9
	Geography .....	3 to 9

Elective 6 sem. hrs.

Excess in req. sub.

Latin  
2 units  
h. s.

18 sem. hrs.  
College Latin in usual sequence

French  
German  
Spanish  
Greek

Two units in h. s. and 18 sem. hrs.  
college work in the subject in  
which certification is desired

**Minor—12 Sem. Hrs.**

Required 6 sem. hrs.

World History .....	3
American History .....	3

Elective 6 sem. hrs.

Same as major elective

Required 6 sem. hrs.

Economics .....	3
Sociology .....	3

Elective 6 sem. hrs.

Same as major elective

Required 6 sem. hrs.

Zoology; Botany .....	6
Gen. Biology .....	6
or any comb. of 6 sem. hrs.	

Elective 6 sem. hrs.

Same as major elective

Required 6 sem. hrs.

Physics .....	3
Chemistry .....	3

Elective 6 sem. hrs.

Same as major elective

Required 6 sem. hrs.

Geology .....	3
Geography .....	3

Elective 6 sem. hrs.

Same as major elective

12 sem. hrs.

College Latin in usual sequence

12 sem. hrs. in one language

NOTES: (a) Methods courses in any of these subjects may be counted in computing majors and minors. Three semester hours of collegiate credit in any subject may be offered in lieu of each unit of the high school prerequisite in that subject.

(b) The 18 semester hours prescribed for a major in any subject may all be within the required group of subjects.

(c) The six semester hours of major or minor electives may all be credits in the required subjects in excess of those necessary to meet the main

requirements, or may be any combination of such excess credits and those listed as minor requirements.

(d) The State Department recommends that institutions advise students as far as possible to prepare to teach in four academic fields. Most of them will be obliged to start their teaching in small high schools and their placement will be greatly facilitated by broadening their teaching abilities.

## ENGLISH

### Suggested Curriculum for the Bachelor of Arts Degree with a Major in English

#### First Year

English 101-102 .....	6 hrs.	Bible 104 .....	2 hrs.
History .....	6 hrs.	Physical Education .....	1 hr.
Mathematics .....	4-6 hrs.	Hygiene .....	1 hr.
Speech 115, 116 .....	4 hrs.	Orientation .....	1 hr.
Modern Language .....	6-8 hrs.		

#### Second Year

English 203, 204 or 206 .....	6 hrs.	Bible 101 .....	2 hrs.
Modern Language .....	6 hrs.	Bible 102 .....	2 hrs.
Laboratory Science .....	8 hrs.	Physical Education .....	1 hr.
English 309-310 .....	6 hrs.		

#### Third Year

English 312 .....	3 hrs.	History 311 .....	3 hrs.
English 306, 307 .....	4 hrs.	History 312 .....	3 hrs.
English 342 .....	3 hrs.	Electives .....	16 hrs.

#### Fourth Year

English 300 .....	2 hrs.	English 324 .....	3 hrs.
English 308 .....	3 hrs.	English 315 .....	3 hrs.
History 211-212 .....	6 hrs.	Electives .....	15 hrs.

## LAW

### Required Curriculum Leading to the Bachelor of Laws Degree

#### First Year

Common Law Pleading .....	2 hrs.	Torts .....	4 hrs.
Contracts .....	6 hrs.	Agency .....	2 hrs.
Personal Property .....	2 hrs.		

#### Second Year

Torts .....	2 hrs.	Real Property II .....	2 hrs.
Criminal Law .....	2 hrs.	Sales .....	2 hrs.
Real Property I .....	2 hrs.	Real Property III .....	2 hrs.
Negotiable Instruments .....	2 hrs.	Bailments and Carriers .....	2 hrs.

#### Third Year

Equity .....	6 hrs.	Trusts .....	2 hrs.
Private Corporations .....	2 hrs.	Insurance .....	2 hrs.
Evidence .....	4 hrs.		

#### Fourth Year

Municipal Corporations .....	2 hrs.	Pleading and Practice .....	4 hrs.
Quasi Contracts .....	2 hrs.	Bankruptcy .....	2 hrs.
Partnership .....	2 hrs.	Domestic Relations .....	2 hrs.
Suretyship .....	2 hrs.		

#### Fifth Year

Wills .....	2 hrs.	Criminal Procedure .....	2 hrs.
Constitutional Law .....	4 hrs.	Conflict of Law .....	2 hrs.
Mortgages .....	2 hrs.		

**MATHEMATICS—PHYSICS**

**Suggested Curriculum for the Bachelor of Arts Degree  
with a Major in Mathematics or Physics**

**First Year**

Mathematics 103 .....	3 hrs.	English 101-102 .....	6 hrs.
Mathematics 114 .....	3 hrs.	Physical Education .....	1 hr.
Mathematics 111-112 .....	4 hrs.	Hygiene .....	1 hr.
Chemistry 109-110 or 111-112..	8 hrs.	Orientation .....	1 hr.
German .....	6-8 hrs.		

**Second Year**

Mathematics 209-210 .....	10 hrs.	Psychology 201 .....	3 hrs.
Physics 201-202 .....	10 hrs.	Philosophy 303 .....	3 hrs.
German 305-306 .....	6 hrs.	Physical Education .....	1 hr.

**Third Year**

Mathematics 314 .....	3 hrs.	Geology 202, 203.....	4 hrs.
Mathematics 315 .....	3 hrs.	Astronomy 201-202 .....	4 hrs.
Physics 303 .....	3 hrs.	Social Science .....	6 hrs.
Physics 322 .....	3 hrs.	French 101-102 .....	8 hrs.

**Fourth Year**

Mathematics Elective or Physics Elective .....	6 hrs.	English 206 .....	3 hrs.
English 203 .....	3 hrs.	Social Science .....	3 hrs.
		Electives .....	15 hrs.

Students who wish to obtain a certificate to teach Mathematics and Physical Science in high school, may pursue the same course of study, except for the replacing of the Geology, Astronomy, and Modern Language of the Junior Year, and the electives of the Senior Year, by education courses and minors as outlined by the Department of Education.

**MUSIC**

**Suggested Curriculum for the Bachelor of Arts Degree  
with a Major in Music**

**First Year**

Music 101, 102 .....	2 hrs.	Biology 101-102 .....	8 hrs.
Music 103-104 .....	4 hrs.	Physical Education .....	1 hr.
Applied Music .....	3 hrs.	Hygiene .....	1 hr.
English 101-102 .....	6 hrs.	Orientation .....	1 hr.
Modern Language .....	6-8 hrs.		

**Second Year**

Music 201-202 .....	6 hrs.	Psychology 201 .....	3 hrs.
Music 203, 204 .....	4 hrs.	Psychology .....	3 hrs.
Modern Language .....	6 hrs.	Applied Music .....	3 hrs.
History 101 .....	3 hrs.	Physical Education .....	1 hr.
History 102 .....	3 hrs.		

**Third Year**

Music 301, 302 .....	4 hrs.	Applied Music .....	3 hrs.
Music 303, 304 .....	6 hrs.	English 315 .....	3 hrs.
Ethics or Philosophy .....	3 hrs.	English 324 .....	3 hrs.
History 303 .....	3 hrs.	Electives .....	6 hrs.

**Fourth Year**

Music 401-402 .....	6 hrs.	Science .....	3 hrs.
Applied Music .....	3 hrs.	Electives .....	19 hrs.

## PHILOSOPHY

Suggested Curriculum for the Bachelor of Arts Degree  
with a Major in Philosophy

## First Year

History 101 and 102 or 205, 206...6-8 hrs.	Sociology 101 .....	3 hrs.
Economics 101, 102..... 6 hrs.	Sociology 102 .....	3 hrs.
French, German, or Mathematics 111-112 .....4-8 hrs.	Physical Education .....	1 hr.
English 101-102 .....	Hygiene .....	1 hr.
	Orientation .....	1 hr.

## Second Year

History 311 .....	3 hrs.	Psychology 201 .....	3 hrs.
History 312 .....	3 hrs.	Philosophy 203 .....	3 hrs.
French, German, Physics 201-202, or Chemistry.....6-10 hrs.		Philosophy 205 .....	2 hrs.
English Literature 203, 204 ....	6 hrs.	Physical Education .....	1 hr.

## Third Year

History 321 .....	3 hrs.	Philosophy 301 .....	3 hrs.
History 322 .....	3 hrs.	Philosophy 302 .....	3 hrs.
English 309-310 .....	6 hrs.	Philosophy 305 .....	3 hrs.
Psychology 302 or Sociology..	3 hrs.	Philosophy 306 .....	3 hrs.
Biology 101-102 .....	8 hrs.		

## Fourth Year

Geology .....	4 hrs.	Philosophy 307 .....	3 hrs.
Astronomy .....	4 hrs.	Philosophy 308 .....	3 hrs.
Plato and Aristotle .....	3 hrs.	Electives .....	3 hrs.
Philosophy 202 .....	3 hrs.		

## PRE-ENGINEERING

An increasingly large number of students of engineering are finding it profitable to complete the requirements for an A. B. degree in a liberal arts college before taking up the more specialized work of the engineering school. The advantages of this procedure are many. If sufficient work in the sciences is taken during the arts course the time of graduation from the engineering school is delayed but two years or less. This delay is, in many cases, a distinct advantage to the student in view of the early age at which many students now enter college. At the same time a liberal arts course forms a cultural background which should be found helpful to the engineer who may have executive and administrative duties with his more technical work.

To meet this need, Youngstown College offers a four-year pre-engineering course leading to an A. B. degree in chemistry, mathematics, or physics. The suggested electives both in the major and in other fields are chosen, and in several cases, designed with the special requirements of the engineering student in mind. The student who completes this course in a satisfactory manner should not find it difficult to complete his work in an engineering school in two additional years.

Those students who find it impossible or undesirable to complete their work for an A. B. degree may modify their schedule in such a way that they may enter the third year of an engineering school after completing three years in Youngstown College. This modification is suggested in the three-year curriculum.

### Four-Year Pre-Engineering Curriculum Leading to the Bachelor of Arts Degree with a Major in Chemistry

#### First Year

Mathematics 111-112 .....	4 hrs.	English 101-102 .....	6 hrs.
Mathematics 103 .....	3 hrs.	Physical Education .....	1 hr.
Mathematics 114 .....	3 hrs.	Orientation .....	1 hr.
Chemistry 109-110 or 111-112..	8 hrs.	Hygiene .....	1 hr.
Engineering Drawing 101, 102.	8 hrs.		

#### Second Year

Mathematics 209-210 .....	10 hrs.	Physics 201-202 .....	10 hrs.
Chemistry 203 .....	5 hrs.	Physical Education .....	1 hr.
Chemistry 209 .....	5 hrs.		

#### Third Year

Mathematics 314 .....	3 hrs.	Chemistry 304 .....	5 hrs.
Mathematics 315 .....	3 hrs.	Chemistry 306 .....	3 hrs.
Economics 101, 102 .....	6 hrs.	Chemistry 313 .....	2 hrs.
Modern Language .....	6-8 hrs.	Chemistry 316 .....	2 hrs.

#### Fourth Year

Chemistry 311-312 .....	6 hrs.	Modern Language .....	6 hrs.
Psychology 201 .....	3 hrs.	Electives .....	6 hrs.
Psychology 202 .....	3 hrs.		
Principles of Chemical Engineering 325-326 .....	6 hrs.		

### Four-Year Pre-Engineering Curriculum Leading to the Bachelor of Arts Degree with a Major in Physics or Mathematics

#### First Year

Mathematics 111-112 .....	4 hrs.	English 101-102 .....	6 hrs.
Mathematics 103 .....	3 hrs.	Physical Education .....	1 hr.
Mathematics 114 .....	3 hrs.	Hygiene .....	1 hr.
Chemistry 109-110 or 111-112.	8 hrs.	Orientation .....	1 hr.
Engineering Drawing 101, 102.	8 hrs.		

#### Second Year

Mathematics 209-210 .....	10 hrs.	Chemistry 209 .....	5 hrs.
Physics 201-202 .....	10 hrs.	Physical Education .....	1 hr.
Chemistry 203 .....	5 hrs.		

#### Third Year

Mathematics 314 .....	3 hrs.	Physics 305-306 .....	4 hrs.
Mathematics 315 .....	3 hrs.	Economics 101, 102 .....	6 hrs.
Physics 303 .....	3 hrs.	Modern Language .....	6-8 hrs.
Physics 308 .....	3 hrs.		

#### Fourth Year

Surveying 211-212 .....	4 hrs.	Modern Physical Theory or	
Psychology 201 .....	3 hrs.	History of Mathematics 432..	3 hrs.
Psychology 202 .....	3 hrs.	Electives .....	10 hrs.
Modern Language .....	6 hrs.		
Theory of Light or Vector Analysis .....	3 hrs.		



### Three-Year Pre-Engineering Curriculum

#### First Year

Mathematics 111-112 .....	4 hrs.	English 101-102 .....	6 hrs.
Mathematics 103 .....	3 hrs.	Physical Education .....	1 hr.
Mathematics 114 .....	3 hrs.	Hygiene .....	1 hr.
Chemistry 109-110 or 111-112..	8 hrs.	Orientation .....	1 hr.
Engineering Drawing 101, 102.	8 hrs.		

#### Second Year

Mathematics 209-210 .....	10 hrs.	Physics 201-202 .....	10 hrs.
Chemistry 203 .....	5 hrs.	Physical Education .....	1 hr.
Chemistry 209 .....	5 hrs.		

#### Third Year

Mathematics 314 .....	3 hrs.	(Metallurgical Chemistry Option)	
Mathematics 315 .....	3 hrs.	Chemistry 311-312 .....	6 hrs.
Economics 101, 102 .....	6 hrs.	Chemistry 313 .....	2 hrs.
Language or Approved Electives.	8 hrs.	Chemistry 316 .....	2 hrs.
(Industrial Chemistry Option)		(Mechanical and Electrical Option)	
Chemistry 304 .....	5 hrs.	Physics 303 .....	3 hrs.
Chemistry 306 .....	3 hrs.	Physics 305-306 .....	4 hrs.
Chemistry 311-312 .....	6 hrs.	Physics 308 .....	3 hrs.

### PRE-LAW

#### Pre-Law Curriculum

##### First Year

English 101-102 .....	6 hrs.	History 102 .....	3 hrs.
Biology 101-102 or Chemistry		Modern Language .....	8 hrs.
109-110 .....	8 hrs.	Speech 115-116 .....	4 hrs.
History 101 .....	3 hrs.	Physical Education .....	1 hr.

##### Second Year

History 201 and 202 or History		Philosophy 205 .....	2 hrs.
211-212 .....	6 hrs.	Modern Language .....	6 hrs.
Political Science 101 .....	3 hrs.	Electives .....	6 hrs.
Political Science 102 .....	3 hrs.	Physical Education .....	1 hr.
Psychology 201 .....	3 hrs.		

### PRE-MEDICINE—PRE-DENTISTRY

The minimum entrance requirements of schools of medicine of good standing are two years of college work. This work must include certain prescribed courses. Many schools require three years work for entrance; and some, the completion of the work for an A. B. degree before entering. A constantly increasing number of students, if not above the average age, are taking three years of college work, or meeting the requirements for an A. B. degree with four years work before entering a school of medicine or dentistry.

Medical schools throughout the country are crowded, and only those students whose pre-medical work in college is of superior quality can expect to be admitted to any first class medical college.

The following four-year courses are suggested with the work so arranged that at the end of the school year the generally required pre-medical or pre-dental work on a two-year plan is

met. This work may be varied to meet the special requirements of any particular school which the student would desire to enter.

The student in following either of the courses outlined below, with a major in biology or a major in chemistry, should keep in mind the fact that a well-balanced education is essential for the best advancement of a doctor in medicine. He should also keep in mind the additional fact that the science work lays an essential foundation for his advanced study.

This course outlines the maximum requirements for admission to the leading medical and dental schools of the country. With the proper choice of electives in the fourth year a major in either biology or chemistry may be completed.

### Suggested Curriculum for the Pre-Medical - Pre-Dental Course Leading to the Bachelor of Arts Degree with a Major in Biology or Chemistry

#### First Year

Biology 101-102 .....	8 hrs.	Physical Education .....	1 hr.
Chemistry 109-110 or 111-112..	8 hrs.	Hygiene .....	1 hr.
English 101-102 .....	6 hrs.	Orientation .....	1 hr.
French or German.....	6-8 hrs.		

#### Second Year

Biology 203-204 .....	8 hrs.	Mathematics 111-112 .....	4 hrs.
Chemistry 203 .....	5 hrs.	Mathematics 103 .....	3 hrs.
Chemistry 209 .....	5 hrs.	Physical Education .....	1 hr.
French or German.....	6-hrs.	Electives .....	2 hrs.

#### Third Year

Biology Elective .....	8 hrs.	Chemistry 317 .....	2 hrs.
Chemistry 304 .....	5 hrs.	Physics 201-202 .....	10 hrs.
Chemistry 315 .....	3 hrs.	Electives .....	4 hrs.

#### Fourth Year

Biology or Chemistry Elective.	8 hrs.	Electives .....	24 hrs.
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If only a two-year pre-medical or pre-dental course is planned, physics should be taken in the second year.

### PRE-NURSING

The Pre-Nursing Course, offered in connection with the Youngstown Hospital School of Nursing, is for those applicants for nurses' training who are anxious to acquire a sound background for the course, in addition to college credits.

The student will carry academic subjects to be studied entirely at Youngstown College during the first semester from September to February, thereby decreasing the theoretical load after the ward practice is begun with the second semester of the first year.

During the second college semester the students taking the Pre-Nursing Course attend the Youngstown Hospital for

lectures by the nurse instructors in the following subjects: Anatomy and Physiology, Drugs and Solutions, History of Nursing, Ethics and Elementary Nursing, etc. These lectures lay the foundation for the later clinical subjects. All other subjects of this semester are taken at the College.

For the first semester and the first two months of the second semester the students are non-resident, then they enter the hospital as resident probationers.

During the three-year nurses' training the student is given experience in home and clinic nursing with the Visiting Nurses' Association, thus obtaining first hand practical experience in social conditions; for this reason the lectures in Sociology and Psychology are most valuable.

On completion of the three years of clinical training, if a nurse is interested in remaining on the graduate staff of the Youngstown Hospital she may continue to attend Youngstown College and take more subjects toward her full degree.

### Pre-Nursing Curriculum

Chemistry 109-110 or 111-112..	8 hrs.	Sociology 101 .....	3 hrs.
Biology 101-102 .....	8 hrs.	Physical Education .....	1 hr.
English 101-102 .....	6 hrs.	Hygiene .....	1 hr.
Psychology 201 .....	3 hrs.		

## PSYCHOLOGY

### Suggested Curriculum for the Bachelor of Arts Degree with a Major in Psychology

#### First Year

English 101-102 .....	6 hrs.	Sociology 102 .....	3 hrs.
Biology 101-102 .....	8 hrs.	Physical Education .....	1 hr.
French or German .....	6-8 hrs.	Hygiene .....	1 hr.
Sociology 101 .....	3 hrs.	Orientation .....	1 hr.

#### Second Year

English 203, 204, or 206 .....	6 hrs.	Psychology 201, 202, or 206....	6 hrs.
French or German .....	6 hrs.	Physical Education .....	1 hr.
Biology 205 .....	4 hrs.	Electives .....	6 hrs.
Sociology 204 .....	3 hrs.		

#### Third Year

Psychology 202 or 206 .....	3 hrs.	Philosophy 302 .....	3 hrs.
Psychology 502 .....	3 hrs.	Education 303 .....	3 hrs.
Psychology 303 .....	3 hrs.	Sociology 310 or Biology 307 ..	3 hrs.
Psychology 305 or 309 .....	3 hrs.	Electives .....	7 hrs.
Philosophy 301 .....	3 hrs.		

#### Fourth Year

Psychology 301 .....	3 hrs.	Psychology 310 .....	2 hrs.
Psychology 306 .....	2 hrs.	Psychology 402 .....	2 hrs.
Psychology 303 or 309 .....	3 hrs.	Electives .....	18 hrs.

## SOCIAL SCIENCE

For requirements for the Bachelor of Arts Degree with a major in Social Science, refer to the Group Study Plan, page 66, and consult with the head of the Social Science Department.

## COURSES OF INSTRUCTION

A course listed with a hyphen between numbers, as 101-102, indicates that credit is not given toward graduation for the work of one semester until the work of the other semester is completed except when special permission is granted by the head of the department involved. A course with a comma between the semester numbers, as 105, 106, indicates that the course extends throughout the year, but that credit toward graduation is given for the work of either semester.

Courses numbered from 101 to 199 are Freshman courses; from 201 to 299, Sophomore; and 301 and above are Junior and Senior courses.

Courses marked (offered 1937-38) are offered on alternate years.

## ACCOUNTING

201-202. THEORY AND PRACTICE OF ACCOUNTING—This course consists of the theory of account construction together with the development of books of original entry, the application of accounting principles to the different forms of business organizations, and the preparation and interpretation of financial statements.

*Three hours credit each semester.*

300. COST ACCOUNTING—General methods of collecting costs of material, labor, and burden, and incorporation of them in the books of account. Cost control, including the use of the perpetual inventory and various subsidiary ledgers. Various methods of distributing burden costs. Presentation of cost data, and problems of cost accounting in multiple process industries. Prerequisite, Accounting 201-202.

*Three hours credit.*

301. INTERMEDIATE ACCOUNTING—A study of working papers, financial statements, actuarial science, inventories, consignment sales. Prerequisite, Accounting 201-202.

*Three hours credit.*

302. INTERMEDIATE ACCOUNTING—A study of tangible and intangible fixed assets, funds and reserves, and the analyses of working capital. Prerequisite, Accounting 301.

*Three hours credit.*

301a. INTERMEDIATE ACCOUNTING—Same as Accounting 301 and 302, except that the work is covered in a semester. Prerequisite, Accounting 300.

*Three hours credit.*

303, 304. ADVANCED THEORY AND PRACTICE OF ACCOUNTING—A study of corporation accounting procedure and problems, treatment of capital stock and bond issues, depreciation, forms of income statements. Prerequisites, Accounting 300, 302.

*Three hours credit each semester.*

305. SPECIALIZED ACCOUNTING—A course in specialized accounting for representative industries such as department stores, foundries, flour mills, banks, fire insurance companies and others. Prerequisites, Accounting 300, 302.

*Three hours credit.*

307. INTERPRETATION OF FINANCIAL STATEMENTS—An analysis of the fundamental principles involved in the proper construction and interpretation of financial statements such as manufacturing, selling, public utility, insurance and other types of companies. Prerequisites, Accounting 300, 302. (Offered 1937-38.)

*Three hours credit.*

401, 402. AUDITING—An intensive course in auditing practice and procedure for advanced students in accounting. Prerequisites, Accounting 300, 302.  
*Three hours credit each semester.*

403, 404. FEDERAL TAXES—This course gives special attention to income tax procedure, including such items as personal tax accounting, taxable and non-taxable incomes, deductions and losses, computation of taxes and typical problems. Prerequisites, Accounting 300, 302.  
*Three hours credit each semester.*

405, 406. C. P. A. QUIZ—It is assumed that the candidates for this course will be familiar with accounting procedure applicable to single proprietorships, partnerships, and corporations. All phases of accounting that will be encountered in either private business or public accounting will be treated from the standpoint of both theory and practice. Special emphasis will be placed on coaching candidates for the C. P. A. examinations. The problem method will be followed in the main, supplemented by class discussions, lectures, and quizzes. Prerequisites, Accounting 300, 302.  
*Three hours credit each semester.*

## ART

101, 102. DRAWING AND PAINTING—Principles of space division, light and shade, and their relation to form and pattern. Color composition, experience with different media, pencil, charcoal, water color, opaque water color, and oil. Dealing with arrangements of still life, figures, and landscape elements to develop a sense of plastic composition.  
*Three hours credit each semester.*

103-104. POTTERY AND MODELING—Making of shapes, coiling, hand-building, decoration and glazing. Tiles, figure heads, mold making and casting in plaster. Practice in typical problems in relief and in the round.  
*Three hours credit each semester.*

105, 106. ADVERTISING ART—Plain and fancy lettering, designing and painting of commercial posters. Attention is given to layouts, design, and color combinations.  
*Three hours credit each semester.*

110, 111. COLOR AND DESIGN—A course in the study of the principles underlying decorative design, the creating of design, stylizing natural elements to develop design motifs, application of design to practical problems, block printing, batik, weaving, and pottery. The history of the development of design.  
*Three hours credit each semester.*

112. HOUSEHOLD ARTS—A course to distinguish the different styles of the past in interior decoration, to appreciate the evolutionary process, to give confidence in the selection of materials in experiments with practical problems.  
*Three hours credit.*

113-114. HISTORY OF ART—GENERAL—A survey of the history of architecture, sculpture, painting, and the minor arts from pre-historic periods to the present day, to prepare the student for analytical discrimination in his own experiences.  
*Three hours credit each semester.*

201, 202. LIFE CLASS—Instruction in elementary and advanced drawing and painting from male and female models in the near nude. Individual instruction is given, the work of each student being under the constant direction of the instructor. When students in drawing have attained the required proficiency they are advanced to oils, and later to water color and pastel, if the student desires.  
*Three hours credit each semester.*

206. HISTORY OF ART—ITALIAN RENAISSANCE—After a short survey of Byzantine Art, this course will consider in greater detail

the great figures in the major arts during the 14th, 15th, and 16th centuries in Italy and their connection with the history of the times.

*Three hours credit.*

207. HISTORY OF ART—MODERN ART—This course follows the course in the History of Italian Renaissance Art, although either course may be taken separately. After a brief review of the Italian Renaissance, its causes, ideals, and historic background, European and American art from the sixteenth century to the present day will be studied in relation to the history, philosophy, and literature of this period.

*Three hours credit.*

208-209. ADVANCED MODELING—This course includes the completion of designs in a manner corresponding to practical studio work. Study of the abstract volumes, creative design, and small sketches of the human figure in clay.

*Three hours credit each semester.*

### ASTRONOMY

201-202. ASTRONOMY—A descriptive and non-mathematical study of the stars and the solar system. An analysis of the present theories of the universe and some observational sessions with telescope and field glass.

*Four hours credit each semester.*

### BIBLE AND RELIGIOUS EDUCATION

101. THE LIFE OF CHRIST—Two hours of lecture and recitation each week. This course is based on the four gospels, with particular attention to one of them. The student is encouraged to think and evaluate for himself the unique personality of Jesus.

*Two hours credit.*

102. THE APOSTOLIC AGE—The aim of the course is to enable the student to grasp the significance of the progress of Christianity. The study will deal with the Acts of the Apostles and certain of the epistles. The work and teachings of St. Paul will be considered in their relation to the development and activity of the early church.

*Two hours credit.*

104. OLD TESTAMENT—This course traces the Old Testament record from Genesis to the return from captivity. Special attention is given to the Patriarchal Age, the Deliverance of Israel from bondage, the Mosaic laws, the institution of the Hebrew system of worship, the conquest and division of Canaan, the captivities and return therefrom. The historical background of the surrounding nations, the historical geography of Palestine, and the results of recent archaeological research are touched upon, especially as these help to unfold the history of the period. (Offered 1937-38.)

*Three hours credit.*

### BIOLOGY

101-102. GENERAL BIOLOGY—Course 101 is a study of biological principles and the plants, and Course 102, study of animals. Prerequisite for all advanced courses in biology. Fee \$5.00 each semester.

*Four hours credit each semester.*

201-202. BOTANY—Detailed study of plants, including prehistoric forms. Prerequisite, Biology 101-102. Fee \$5.00 each semester.

*Four hours credit each semester.*

203-204. ZOOLOGY—Detailed study of animals, including prehistoric forms. Prerequisite, Biology 101-102. Fee \$5.00 each semester.

*Four hours credit each semester.*

205. HUMAN MORPHOLOGY AND PHYSIOLOGY—Study of the structure and the functioning of the human organ systems. Prerequisites, Biology 101-102 and Chemistry 109-110 or 111-112. No Fee.

*Four hours credit.*

301. VERTEBRATE ANATOMY—Comparative study of the structure of vertebrate organ systems, primarily through dissection. Prerequisite, Biology 203-204. (Offered 1937-38.) Fee \$10.00.

*Four hours credit.*

302. VERTEBRATE EMBRYOLOGY—Comparative study of the early developmental stages of the vertebrates. Prerequisite, Biology 203-204. (Offered 1937-38.) Fee \$7.50.

*Four hours credit.*

303. HISTOLOGICAL TECHNIQUE—Preparation of plant and animal tissues for examination. Prerequisite, Biology 201-202 or 203-204. (Offered 1937-38.) Fee \$10.00.

*Four hours credit.*

304. BACTERIOLOGY—Structure, functioning, and identification of the bacteria, with special consideration for the pathogenic group. Prerequisites, Biology 201-202 or 203-204 and Chemistry 109-110 or 111-112. (Offered 1937-38.) Fee \$10.00.

*Four hours credit.*

305. PARASITOLOGY—Study of the protozoan, helminth, and arthropod parasites of man, including methods of infestation and pathological effects, and prevention and treatment of diseases caused by them. Prerequisite, Biology 203-204. Fee \$7.50.

*Four hours credit.*

306. ENTOMOLOGY—Introductory study of insects. Prerequisite, Biology 203-204. Fee \$5.00.

*Four hours credit.*

307. GENETICS AND EVOLUTION—Study of plant and animal heredity and variation. Prerequisite, Biology 201-202 or 203-204. No fee.

*Four hours credit.*

308. PLANT PHYSIOLOGY—Study of plant processes. Prerequisite, Biology 201-202. (Offered 1937-38.) Fee \$10.00.

*Four hours credit.*

401. SEMINAR—Detailed study of biological principles and research methods in preparation for professional work and graduate study in biology. Open only to Biology Majors in the senior year. No Fee.

*Two hours credit.*

### BUSINESS ORGANIZATION

101. PRINCIPLES OF BUSINESS—An introductory course in business administration which is designed to give the student information concerning the development of forms of business enterprises, management, relationship between employer and employee, credit, banking, and elementary accounting.

*Three hours credit.*

201. BUSINESS LAW—This course is designed to give the student of business a practical working knowledge of contracts, agency, partnerships and corporations. A study of legally binding agreements between persons, and their enforcement, including the making of a contract, the effect of fraud, duress, undue influence, etc. The fundamentals of the law governing business transactions of persons through agents, as well as the formation and operation of partnerships and corporations.

*Three hours credit.*

303. BUSINESS LAW—A study of negotiable instruments, including bailments and carriers, sales, negotiable papers, banks, and suretyship. A study of property, covering estates, wills, bankruptcy, debtor and creditor.

*Three hours credit.*

315. CORPORATION FINANCE—A study of promotion of new industries, capital structure of corporations, evolution of a business, working capital, surplus, dividends, voting trusts, investment trusts, public utilities, cooperative plans and reorganizations.

*Three hours credit.*

322. CREDITS AND COLLECTIONS—This course deals with credit instruments and classes of credit. Also credit agencies, collection agencies, collections, collection methods, and the place of the credit man in business. Prerequisite, Economics 307. *Three hours credit.*

324. MARKETING—A general survey of the field of Marketing. A study of marketing functions and policies and marketing institutions. Prerequisite, Economics 101. *Three hours credit.*

325. SALESMANSHIP—This course covers a knowledge of goods, study of customers and their wants, buying motives, planning a sale, attitudes of buyers, meeting objections, closing the sale, cultivation of personality, problems in sales management, sales organization, sales planning and research, and others. *Two hours credit.*

327. ADVERTISING PRINCIPLES—A survey study of advertising as an instrument of modern business, economics of advertising, advertising research, media, trade-marks, campaigns. A discussion of copy writing, type, layout, methods, and the psychology of advertising. *Two hours credit.*

328. ADVERTISING PRACTICE—This course offers an opportunity for practical application of the principles taught in Advertising Principles. The work covers study of the product, selection of mediums, determination of appeals to be made and the amount of space desired, problems of writing copy, type faces and type problems, and layout of advertisements. Prerequisite, Business Organization 327. *Two hours credit.*

### CHEMISTRY

The courses offered in Chemistry will enable the student to major in the subject and also take additional courses in the field of chemistry in which he is especially interested. Chemistry majors are required to take the following courses: 109 or 111, 110 or 112, 203, 209, 304, 306, 311, and 312.

109-110. GENERAL CHEMISTRY—Two lectures and recitations and two two-hour laboratory periods each week. A study is made of the non-metallic elements and of the fundamental laws and principles of chemistry. For those who have not had Chemistry in high school. *Four hours credit each semester.*

111-112. GENERAL CHEMISTRY—Hours and credits same as 109-110. A more advanced course in general chemistry for those who have had a satisfactory year's work in high school. *Four hours credit each semester.*

203. QUANTITATIVE ANALYSIS—One lecture and recitation and twelve hours laboratory each week. Gravimetric, volumetric, and colorimetric analysis. Prerequisite, Chemistry 209. *Five hours credit.*

211. QUALITATIVE ANALYSIS—One lecture and five hours of laboratory work each week. A course in the systematic separation and detection of the cations, including a study of the theory underlying the work. This course is designed for home economics students and others who do not care for the full five-hour course. Prerequisite, Chemistry 109-110 or 111-112. *Three hours credit.*

• 209. QUALITATIVE ANALYSIS—Two lectures and eight hours of laboratory each week. A course in the systematic separation and detection of the more common cations and anions and also the determination of



a number of salts. Considerable emphasis is placed upon the theory underlying the work. For chemistry majors. Prerequisite, Chemistry 109-110 or 111-112.

*Five hours credit.*

213. LABORATORY TECHNIQUE—A laboratory course including discussions. The course is offered for the purpose of developing greater skill in constructing and setting up apparatus which is so often needed by research students and teachers of chemistry. Prerequisite, Chemistry 109-110 or 111-112.

*One to three hours credit.*

215. ORGANIC CHEMISTRY—Three lectures and recitations each week. A course in organic chemistry briefly covering the nomenclature, properties, and departments of aliphatic and aromatic carbon compounds. The later part of the course is devoted to the biological phases of organic chemistry. For biology majors. Prerequisite, Chemistry 209 or Chemistry 211.

*Three hours credit.*

216. ORGANIC CHEMISTRY—Two three-hour laboratory periods each week which includes one discussion period. The work consists of the preparation and study of typical aliphatic and aromatic compounds, experiments of general biochemical nature, and work in blood and urine analysis. Prerequisite or concurrent, Chemistry 215.

*Two hours credit.*

304. ORGANIC CHEMISTRY—Five lectures and recitations each week. A study is made of the nomenclature, properties, and departments of the aliphatic aromatic carbon compounds. Prerequisite, Chemistry 209.

*Five hours credit.*

306. ORGANIC CHEMISTRY—Three three-hour laboratory periods each week which include one discussion period. The work consists of the preparation and study of typical aliphatic and aromatic compounds. Prerequisite or concurrent, Chemistry 304.

*Three hours credit.*

308. ORGANIC CHEMISTRY—Three hours of laboratory work each week with references. Advanced organic preparations. Prerequisite or concurrent, Chemistry 306.

*One hour credit.*

311-312. PHYSICAL CHEMISTRY—Three lectures and recitations each week. A fundamental course in physical chemistry. Prerequisites or concurrent, Chemistry 304, Physics 201-202, Mathematics 209-210.

*Three hours credit each semester.*

319, 320. PHYSICAL CHEMISTRY—Two three-hour laboratory periods per week including one period of discussion. Prerequisite or concurrent, Chemistry 311-312.

*Two hours credit.*

313. METALLURGY—Two lectures and recitations each week. A brief course in the common metallurgical processes. Prerequisite, Chemistry 209.

*Two hours credit.*

316. METALLURGY—Two three-hour laboratory periods including one discussion period. A course in fire assay, metal testing, and heat treatment. Prerequisite or concurrent, Chemistry 313.

*Two hours credit.*

315. BIOLOGICAL CHEMISTRY—Three lectures and recitations. A course designed to follow general organic chemistry for those students interested in the biological sciences and medicine. Prerequisite, Chemistry 304. (Offered 1937-38.)

*Three hours credit.*

317. BIOLOGICAL CHEMISTRY—One hour discussion and five hours laboratory work each week. A laboratory course to accompany or follow Chemistry 315. (Offered 1937-38.)

*Two hours credit.*

319. ADVANCED INORGANIC CHEMISTRY—Two lectures and recitations each week. An advanced course in inorganic chemistry stressing the more difficult points of theory. Prerequisite, Chemistry 209.

*Two hours credit.*

321. ADVANCED ORGANIC CHEMISTRY—Two lectures and recitations each week. An advanced course in theory of organic chemistry. Prerequisite, Chemistry 304. *Two hours credit.*

401 ADVANCED QUANTITATIVE ANALYSIS—Six or nine laboratory hours which include one discussion period. The work includes colorimetric, turbidimetric, and hydrogen ion determinations. Prerequisite, Chemistry 203 or its equivalent. *Two or three hours credit.*

404. ORGANIC ANALYSIS—Twelve laboratory hours each week including one discussion period. The work is a study of systematic methods of separation, purification, and identification of organic compounds, and practice in the standard methods for the quantitative analysis of organic compounds. Prerequisite, Chemistry 306. *Four hours credit.*

### ECONOMICS

(See Social Science)

### EDUCATION

300. INTRODUCTION TO TEACHING—An orientation course in education aiming to give the prospective teacher a general view of the school of today and of its historical development. Each student should build for himself a sound philosophy of education based on the findings of science and with a forward-looking attitude toward the ideal school of tomorrow. The qualifications and preparation of the prospective teacher are studied. Open to Sophomores, Juniors, and Seniors. *Three hours credit.*

301. PRINCIPLES OF TEACHING—A study of general methods of high school teaching: typical classroom procedure, the methods utilized by superior teachers, attention to individual differences, measuring the results of teaching, planning the instruction. Observation of teaching in high schools. Open to Juniors and Seniors. *Three hours credit.*

303. HISTORY OF EDUCATION—A study of the historical development of educational organizations, objectives, curricula, and methods with special reference to a better understanding of modern educational conditions and problems. The place of education in various civilizations, especially our modern Western civilization, is studied. This course may be counted also on a major or minor in history. Open to Sophomores, Juniors, and Seniors. *Two or three hours credit.*

304. CLASSROOM ADMINISTRATION, ORGANIZATION, AND MANAGEMENT—A study of problems of classroom control, attendance, organization, curriculum, program, procedure, and of extra-curricular activities, in the light of a modern philosophy of education. Observation of teaching in high schools. Open to Juniors and Seniors. *Three hours credit.*

306. TESTS AND MEASUREMENT—A study of the construction, administering, scoring, and interpreting of the new type objective examination; the selection, administering, scoring and interpretation of results of standardized tests and scales. Elementary statistics and graphic presentation. Open to Juniors and Seniors. Fee \$1.00. *Two hours credit.*

308. EDUCATIONAL SOCIOLOGY—A study of sociological foundations of education: the relation of the individual and the social group, the school as a social institution, the relations of the home, the community, and the state and education, the relations of social control, social progress, democracy, efficiency, and culture and education; and a study of the social aspects of specific school problems: the selection of educational objectives, the educative process, the curriculum, educational guidance, school control,

moral education, and the selection and improvement of teachers. This course may be counted on a major or a minor in Sociology. Open to Sophomores, Juniors, and Seniors.  
*Three hours credit.*

400. SPECIAL METHODS—A study of problems involved in the teaching of different high school subjects. Each student will specialize on the subject of his special interest. Observation of teaching in public secondary schools; reports; term paper. Prerequisite, Education 301. Open to Seniors.  
*Two hours credit.*

401. PRINCIPLES OF EDUCATION—A course in the philosophy of education that seeks to help the student to develop a unified view of the place and function of education in our civilization, based on the conceptions of modern biology, psychology, and sociology. This course may be counted also on a major or minor in Philosophy. Open to Juniors and Seniors.  
*Three hours credit.*

404. SUPERVISED STUDENT TEACHING—Observation and teaching of high school classes under the direction and guidance of supervisors. Students meet in class one period each week for announcements and to discuss problems. Conferences with the instructor or the critic teacher will be scheduled or on call. To take this course students must make written application on the form provided for this purpose during the previous semester, and must have the unqualified approval of the heads of the departments in which he is specializing for the purpose of teaching, and of the head of the Department of Education. He must also present a statement from the English Department certifying that his use of oral and written English is of the quality satisfactory for high school teaching. In general, a quality point average of 2.00 in his major and minor departments will qualify a student to enter this course. It is clearly understood, however, that the actual classroom teaching must be satisfactory; otherwise, it may be discontinued at any time. Open to approved Seniors during their last semester in college. Fee \$10.00.  
*Three to five hours credit.*

EDUCATIONAL PSYCHOLOGY—See course number 202 under Psychology.

### ENGINEERING DRAWING

101, 102. PRINCIPLES OF ENGINEERING DRAWING AND DESCRIPTIVE GEOMETRY—Four two-hour periods of lecture and laboratory each week. Consists of orthographic projection, isometric drawing, sketching, detail drawing of castings and machine parts, angular and parallel perspective, and development of intersections of solids. Last twelve weeks of second semester devoted to Descriptive Geometry. Special fee, each semester, \$2.50.  
*Four hours credit each semester.*

(For description of other Engineering subjects see departments under which offered.)

### ENGLISH

English majors are expected to complete courses 101-102, 203, 204 or 206, 300, and Speech 115. Course 206 is required of all students who plan to teach high school English, and may be substituted for 204.

101-102. ENGLISH COMPOSITION—A study of the elementary principles of composition, to teach the habits of clear and correct expression. Reading of models, writing of themes, class discussions, and personal conferences. Required of Freshmen.  
*Three hours credit each semester.*

203, 204. SURVEY OF ENGLISH LITERATURE—A study of the masterpieces of English prose and poetry, with emphasis on forms and backgrounds. Prerequisite, English 101-102.

*Three hours credit each semester.*

206. SURVEY OF AMERICAN LITERATURE—Survey of the history, development, and types of American literature, with reference to trends and background. Prerequisite, English 101-102.

*Three hours credit.*

212. JOURNALISM—News writing and reporting, page make-up, editorial writing, theory and practice. Studies of form, content, purpose, and ethics of journalism. Prerequisite, English 101-102.

*Two hours credit.*

300. HISTORY OF THE ENGLISH LANGUAGE—A survey of the development of the language from its first literary forms to the present, with emphasis on changes in grammar, vocabulary, and other details. Prerequisites, English 203, 204.

*Two hours credit.*

306, 307. ROMANTIC PERIOD—First semester: Prose—Lamb, Hazlett, Hunt, DeQuincey, and Landor. Second semester: Poetry—Wordsworth, Coleridge, Scott, Byron, Shelley, Keats. Prerequisite, English 101-102.

*Two hours credit each semester.*

308. VICTORIAN LITERATURE—A survey of writings of Carlyle, Ruskin, Tennyson, Browning, Matthew Arnold, and other writers of the period. Prerequisite, English 101-102.

*Three hours credit.*

309-310. SHAKESPEARE—An intensive study of Shakespearean drama and its relation to the life and literature of Elizabethan England. Prerequisite, English 101-102.

*Three hours credit each semester.*

312. SHORT STORY—An appreciative reading course with analysis of present-day types and models stressing contemporary trends. Prerequisite, English 101-102.

*Three hours credit.*

315. CONTEMPORARY POETRY—An appreciative study of the field of modern poetry since 1890. Emphasis is placed on recent trends and ideals of representative English, Irish, and American poets. Prerequisite, English 101-102.

*Three hours credit.*

316. MODERN DRAMA SINCE 1890—A survey of the field of modern drama, particularly the one-act play. Emphasis on modern play writing and presentation requirements, English and American. Prerequisite, English 101-102.

*Three hours credit.*

324. THE NOVEL—A study of the history and development of the novel in England and America with special emphasis on the field since 1890. Prerequisite, English 101-102.

*Three hours credit.*

327. RISE OF AMERICAN MAGAZINES—The history and development of magazines in America from the earliest forms to those of the present day—the "Annuals," *Godey's Lady's Book*, the "Yellowbacks," the "Quality Group," specialized magazines, and trade journals. Advertising, make-up, and policy. Prerequisite, English 101-102.

*Three hours credit.*

342. CREATIVE WRITING—A study of short story, verse, and magazine article writing with emphasis upon technique and practice. Individual conferences. The marketing of manuscripts is fully discussed. Prerequisite, English 101-102.

*Three hours credit.*

400. PRO-SEMINAR—Designed for seniors majoring in English. The course is based upon individual investigation and gives an introduction to the methods and technique of graduate study in the field of English. Prerequisite, special approval.

*Two hours credit.*

**Speech**

115, 116. **FUNDAMENTALS OF SPEECH**—This course aims to develop self-expression through the medium of mind, body, and voice. The student learns properly to co-ordinate his mental and physical being. He then applies this learning to the oral interpretation of literature and his own thoughts. The second half of the course will be devoted to the study and practice of extemporaneous speaking and parliamentary law.

*Two hours credit each semester.*

215-216. **COLLEGE DEBATING**—The course is a thorough study of two or three questions for intercollegiate debate, with practice in speaking. Credit is on the basis of knowledge of the subject rather than upon fluency or glibness in presentation of imperfect knowledge. Credit may therefore be earned repeatedly in this course by those wishing to participate in debate. Prerequisites. English 115, 116.

*Two hours credit each semester*

219-220. **PLAY PRODUCTION**—A practical laboratory course offered primarily for the training of students to direct dramatic activities in high schools. The first semester will be devoted to a study of organization and duties of the production staff, of the designing, making, and painting of scenery; of lighting, costuming, and make-up. The second semester will be given to methods of production and acting.

*Two hours credit each semester.*

313. **PRACTICAL PUBLIC SPEAKING**—A practical course in the effective construction and delivery of business talks. The student is frequently required to deliver short talks before the class. This course is of especial interest to professional and business men. Repeated second semester.

*Two hours credit.*

320. **ADVANCED INTERPRETATIVE READING**—This course is offered for those who are fitting themselves for teaching, for platform work, or for any work along histrionic lines. Students entering this course may be asked to participate in student recitals.

*Two hours credit.*

**FRENCH**

(See Modern Languages)

**GEOGRAPHY**

101. **ECONOMIC GEOGRAPHY**—The influence of geographic environment upon industries and other human activities, with special reference to the United States.

*Three hours credit.*

102. **PRINCIPLES OF GEOGRAPHY**—A study of human adjustments to the elements of the natural environments, such as climates, soils, land forms, surface, ground waters, and minerals.

*Three hours credit.*

**GEOLOGY**

202, 203. **HISTORICAL GEOLOGY AND PHYSIOGRAPHY**—One lecture and two hours laboratory. Field study includes trips to points of interest and work with geologic maps. Physiographic cycles and the relation of life to them will be studied. The appearance of organisms in time. Type specimens and fossils as time indicators. Field collecting. Fee \$3.00 each semester.

*Two hours credit each semester.*

**GERMAN**

(See Modern Languages)

**HISTORY**

(See Social Science)

**ITALIAN**

(See Modern Languages)

## LAW

### Objectives and Methods of Instruction

The School of Law has the following objectives:

- (1) Familiarizing the student with the history of our laws and institutions.
- (2) Studying of various laws and the reasons for their existence.
- (3) Applying the rules and principles to actual cases.

Development of the ability of legal reasoning is emphasized.

The method of instruction is the case method. Selected cases that have actually been decided are used as texts. Thus, from an analytical study of each case the student determines the operative facts, and the rule of law upon which the decision has been based, and finds the governing principles of law by the inductive method of reasoning.

By such process the student learns to discriminate between the material and the immaterial; to weigh and estimate relative legal values; to discover fallacies in reasoning and to express his own conclusions clearly and concisely.

### Requirements for Bar Examination

All persons registering for the Bar Examination must have completed at least two years of work in Liberal Arts.

Every law student upon entering the School of Law should ask at the office for instruction sheet regarding admission to the bar. Students living outside of the state of Ohio must establish a residence in the state for one year before they are permitted to take the Bar Examination. Other important information is included on the instruction sheet and each student should secure one of these sheets and study it carefully upon entering Law School to be sure that he or she has fulfilled all requirements.

**Schedule of Classes 1936-1937**  
(Classes meet Tuesday and Friday evenings)

**FALL QUARTER**

7:00—8:30  
Common Law Pleading  
Real Property I  
Equity I  
Municipal Corporations

8:30—10:00  
Contracts  
Torts  
Private Corporations  
Quasi-Contracts

**WINTER QUARTER**

7:00—8:30  
Agency  
Real Property II  
Equity II  
Partnership

8:30—10:00  
Contracts  
Negotiable Instruments  
Evidence I  
Suretyship

**SPRING QUARTER**

7:00—8:30  
Torts  
Real Property III  
Equity III  
Pleading and Practice

8:30—10:00  
Contracts  
Sales  
Evidence II  
Bankruptcy

**SUMMER QUARTER**

7:00—8:30  
Torts  
Bailments and Carriers  
Trusts  
Pleading and Practice

8:30—10:00  
Personal Property  
Criminal Law  
Insurance  
Domestic Relations

**Lectures**

No examination will be held in the lectures, and they will not count toward a degree, but attendance is required of all students.

1. Legal Ethics.
2. Probate Practice and Procedure.
3. Taxation Practice and Procedure.
4. Brief Making and Preparation of Cases.
5. Federal Jurisdiction and Procedure.
6. Jurisprudence.
7. Drafting and Construction of Statutes.

## COURSES

**AGENCY**—Distinction between law of principal and agent, and law of master and servant; formation of relation of principal and agent; (1) by agreement, (2) by ratification, (3) by estoppel and (4) by necessity; termination of the relation: (1) by act of the parties and (2) by operation of law; irrevocable agencies; obligations and duties of agent; torts and frauds of agents; admission and notice; contracts made by agent on behalf of his principal, and torts between agent and third parties. *Two hours credit.*

**BAILMENTS AND CARRIERS**—Different forms of bailments; rights and liabilities of bailor and bailee to each other and to third persons; common carriers; federal and state regulation and control of carriers and the latest federal and state Statutes. *Two hours credit.*

**BANKRUPTCY**—A study of the national bankruptcy act and its construction; who may be a bankrupt; who may be a petitioning creditor; acts of bankruptcy; provable claims; exemption and discharge. *Two hours credit.*

**COMMON LAW PLEADING**—Venue, appearance, forms of actions, parties, pleading trial, motions and judgments as they were known and understood at common law. *Two hours credit.*

**CONFLICT OF LAW**—The legal principles governing the application of laws of different jurisdictions to cause of action arising in one jurisdiction and enforced in another. Judgments; obligations; personal rights; property rights; and a general outline of the subject. *Two hours credit.*

**CONSTITUTIONAL LAW**—The increasing importance of sound and wide learning in the law, the multiplication of law books, and the infinite number of reported cases, have combined to make more needful than ever before a thorough knowledge of legal principles. A capable lawyer knows not only what is the law generally, but also its philosophy and history. We aim measurably to enable the student to attain this end by offering a critical study of the following: (1) the history of the law; (2) the juristic basis of the leading principles of the law; (3) the form in which these principles first appeared and the reasons for their appearance; (4) the changes and modifications they have undergone; (5) the causes of their death or survival; (6) the constitution of England and of the United States. *Four hours credit.*

**CONTRACTS**—Places of contract in our law; essentials of a valid contract; void, voidable, and unenforceable contract; offer and acceptance; Statute of frauds; consideration; capacity to contract; mistake, misrepresentation, fraud, duress, and undue influence; legality of object; contracts for benefit of third person; assignment in the law of contract; impossibility as affecting contracts; breach of contract and its legal effect; and discharge of contract. *Six hours credit.*

**CRIMINAL LAW**—Sources of criminal law; the mental element in crime; locality in crime; parties in crime; criminal liability, generally and in special cases; crimes at common law; crimes statutory; and criminal procedure.

**CRIMINAL PROCEDURE**—Arrest, bail, indictment and proceedings thereon, pleas, trials and matters incident thereto, and error proceedings. *Two hours credit.*

**DOMESTIC RELATIONS**—Statutes and cases, embracing the law of marriage, divorce and alimony; property and contract rights of husband and



wife; antenuptial and postnuptial agreements; actions by one spouse against the other; parent and child; guardian and ward; rights and liabilities of infants; and care, custody and control of infants. *Two hours credit.*

**EQUITY**—This course consists of two parts. Equity I embraces the origin, history, general principles and scope of equity jurisprudence. Equity II deals with maxims and special heads of equity jurisprudence, such as trusts, recessions, reformation and cancellation; specific performance; injunction and receivers; estoppel; election; subrogations, mortgages and decedents' estates. The conclusion of this course consists of a study of equitable remedies. *Six hours credit.*

**EVIDENCE**—The law of evidence contains clear and ascertainable reasons for the admission or exclusion of proffered evidence, and we aim to show these reasons in connection with the subject in such a manner as to make the course both logical and profitable. Once the reason for a rule is understood, its memory and application are comparatively easy. In addition to the usual course, we give careful attention to the offer of evidence; the object to evidence; the ruling of evidence; exceptions to such rulings, and the building of a record for error or appeal proceedings. *Four hours credit.*

**INSURANCE**—Fire, life, and accident insurance, with respect to: insurable interests; concealment; misrepresentation; warranties; other causes of invalidity of contract; amount of recovery; subrogation; conditions; waiver; estoppel, election and powers of agents; assignees and beneficiaries. *Two hours credit.*

**MORTGAGES**—Forms, debts, foreclosures, redemption, sales, writ of restitution. *Two hours credit.*

**MUNICIPAL CORPORATIONS**—Creation, control, alteration, and dissolution of municipal corporations; their charters, proceedings, officers and agents; powers of agents; assignees and beneficiaries. *Two hours credit.*

**NEGOTIABLE INSTRUMENTS**—Drawing forms of negotiable papers, forms and formal requisite; acceptance, transfer, and extinguishment; obligation of parties; effect of delay and diligence; bills of exchange; notice and protest; forgery and alteration. Special attention is given to the uniform negotiable instrument of law. Many Ohio decisions are cited and commented upon. *Two hours credit.*

**PARTNERSHIP**—The creation of partnership; the purpose for which a partnership may be formed; the advantages and disadvantages of a partnership; the incidents of partnership; the rights and duties of partners toward each other; partnership property and the interest of a partner therein; of actions by and against the firm; dissolution of partnership assets; final accounting; limited partnerships and partnership associations. *Two hours credit.*

**PERSONAL PROPERTY**—Distinction between real and personal property, gift, bailment, pledge, fixtures. *Two hours credit.*

**PLEADING AND PRACTICE**—This is a thorough and extensive course and prepares the student to state accurately and concisely a cause of action or defense. Moreover, the course affords a general review of most of the substantive law preceding. Particular attention is given to forms of action and the declaration at common law. This is followed by a history of procedure and a careful study of the codes as exemplified by the statutes of New York and Ohio. These codes are illustrated and clarified by the study of many cases. We endeavor to make the course sound in theory and sufficiently practical to

enable one leaving us to feel at home in the office or in the court room. To this end considerable attention is directed to the conduct of trials from the issuing of summons to the ending of a case in an appellate court.

*Four hours credit.*

**PRIVATE CORPORATIONS**—History and general principles; creation, organization, and citizenship; defacto corporations, the charter, franchise and privileges, powers, doctrine of ultra vires, torts and crimes; capital stock, stock subscriptions, rights of membership, voting trusts, transfer of shares, management; liability of stockholders; insolvency and dissolution.

*Two hours credit.*

**QUASI CONTRACTS**—Nature of obligation; restitution at law for benefits conferred under mistake of fact or mistake of law; benefits conferred in misreliance upon contract invalid, illegal, unenforceable, or impossible of performance; benefits conferred through intervention in another's affairs; benefits conferred under constraint; restitution as alternative remedy for breach of contract and for tort.

*Two hours credit.*

**REAL PROPERTY I**—Introduction to the law of real property; the feudal system, theory of estates, non-possessory interests in land, joint ownership, disseisin, history of uses. Rights incidental to possession, including water rights in the land of another, including profits, easements, and licenses.

*Two hours credit.*

**REAL PROPERTY II**—Covenants running with the land, including enforcement at law or in equity, and between landlord and tenant and fee owners; rents; waste; public rights in streams and highways.

*Two hours credit.*

**REAL PROPERTY III**—Future Interests in Land—Future Interests; conditions, reversions, remainders and conditional limitations; Rule in Shelley's Case; future interests in personality; powers, rules against perpetuities.

*Two hours credit.*

**SALES**—Subject matter of sale, executory and executed sales, stoppage in transit, fraud, warranties and remedies for breach of warranties, statute of frauds.

*Two hours credit.*

**SURETYSHIP**—Guaranty and suretyship defined and distinguished; application of the Statute of Frauds; commercial guarantee bonds to secure private obligations; bonds of public officers; subrogation, contribution, and indemnity; surety defenses.

*Two hours credit.*

**TORTS**—This course calls the attention of the student sharply to the "Tripartite division of torts," to-wit (1) the damage element; (2) the causation element; and (3) the excuse element (justification, privilege). It is submitted that this classification is the most natural of any that has been made. The whole field of tort is studied in this manner.

*Four hours credit.*

**TRUSTS**—Lectures and Scott's Cases, embracing voluntary trusts, language and formalities necessary to the creation of a trust, resulting trusts, oral trusts, constructive trusts, executed and executory interests of trustees.

*Two hours credit.*

**WILLS**—Testamentary capacity; dispositions in contemplation of death; execution, revocation, republication, and revival of wills; descent; liability of heirs for debt; probate and administration; title and powers of executors and administrators; payment of debts, legacies and distributive shares.

**NOTE**—Subjects taught, hours of instruction, tuition charges, case books and degrees and all matters of a similar character are subject to change any time by the Dean and President.

## MATHEMATICS

A major in the field of mathematics must include, in addition to the fundamental work of the first two years, at least three semester courses offered only to Juniors and Seniors. These advanced courses are selected from year to year to meet the needs of the class, and to give as great a variety for choice as possible.

Chemistry, Physics, and Pre-Engineering students should take the work of the department at least through the Calculus. Other students may elect individual courses or sequences for which they are prepared. The work of the Freshman year is open to all who satisfy the college entrance requirements in mathematics.

101. COLLEGE ALGEBRA—The fundamentals of Algebra are rapidly reviewed, after which advanced topics, such as progression, permutations and combinations, theory of equations, complex numbers, and determinants are studied. *Three hours credit.*

111-112. COLLEGE ALGEBRA—This course is equivalent to course 101, except that more time is allowed for review of the fundamentals of Algebra, and some additional ground is covered. *Two hours credit each semester.*

103. PLANE AND SPHERICAL TRIGONOMETRY—The work includes logarithms, goniometry, solution of triangles, trigonometric equations, and construction of tables. Should follow or be accompanied by Mathematics 111-112. *Three hours credit.*

114. ANALYTIC GEOMETRY—This course is largely a study of equations and their graphs. Curve fitting by means of empirical equations is also included. Prerequisite, Mathematics 103. *Three hours credit.*

205. STATISTICAL METHODS—A course embodying what is considered to be the minimum amount of mathematics required by students of biology. Construction and interpretation of graphs, a study of functional relationships, logarithms, rates of growth, correlation, etc. *Three hours credit.*

207. MATHEMATICS OF FINANCE—Such topics are considered as simple and compound interest, discount, annuities, sinking fund methods, and life insurance. College Algebra is desirable as a prerequisite. *Three hours credit.*

209-210. DIFFERENTIAL AND INTEGRAL CALCULUS—A thorough course in the essentials of each phase of the calculus, including maxima and minima, rates, curve tracing, the definite integral, areas, volumes, double integrals, etc., with applications to physical and mechanical problems. Prerequisite, Mathematics 114. *Five hours credit each semester.*

218, 219, 220. DIFFERENTIAL AND INTEGRAL CALCULUS—This course is the equivalent of course 209-210, but is spread over three semesters instead of two. Prerequisite, Mathematics 114. *Three hours credit each semester.*

314. ANALYTIC MECHANICS—A mathematical treatment of problems in statics and dynamics of particles and rigid bodies. Prerequisites, Mathematics 210 and Physics 201. *Three hours credit.*

315. DIFFERENTIAL EQUATIONS—Methods of solving ordinary differential equations. Prerequisite, Mathematics 210. *Three hours credit.*

316. ADVANCED DIFFERENTIAL EQUATIONS—Additional methods, including those pertaining to partial differential equations, equations of higher order, and systems of equations. Prerequisite, Mathematics 315. *Two or three hours credit.*

330. COLLEGE GEOMETRY—This course makes use of the same tools and technique as does plane geometry, leading to higher relations between the elements of the triangle and of other plane figures. This course has been made a specific requirement for a teaching major or minor in Mathematics, by the State Board of Education. Prerequisite, Junior standing. (Offered 1937-38.) *Three hours credit.*

432. HISTORY OF MATHEMATICS—A study of the development of the fundamental ideas of mathematics through the Calculus, from antiquity down to the present. Prerequisite, Mathematics 209 or consent of instructor. (Offered 1937-38.) *Three hours credit.*

### MODERN LANGUAGES

#### French

101-102. ELEMENTARY FRENCH—Fundamental principles of grammar, drill in pronunciation through the use of phonetic characters, and comprehension exercises based on the extensive reading of simple texts. *Four hours credit each semester.*

203. INTERMEDIATE FRENCH—Modern short stories are read and discussed in French. Grammar is reviewed in connection with elementary composition. Prerequisite, French 102 or two years of high school French. *Three hours credit.*

204. INTERMEDIATE FRENCH—A continuation of French 203. The texts in this course are chosen with a view to their value as an introduction to the study of French literature and civilization. Prerequisite, French 203 or three years of high school French. *Three hours credit.*

309. THE NOVEL IN FRANCE—Extensive reading of representative French novels in connection with the intensive study of some one masterpiece such as Flaubert's *Madame Bovary* or Prevost's *Manon Lescaut*. Prerequisite, French 204 or four years of high school French. *Three hours credit.*

310. CONTEMPORARY FRENCH LITERATURE—Selections will be studied from the works of twentieth century writers such as Gide, Duhamel, Valery, Cocteau, Giraudoux, and Mauriac. Prerequisite same as French 309. *Three hours credit.*

311. PROSE WRITERS OF THE EIGHTEENTH CENTURY—A study of the doctrines and tendencies of French thought of the eighteenth century as illustrated in the writings of Voltaire, Diderot, Rousseau, and others. (Offered 1937-38.) *Three hours credit.*

312. MODERN FRENCH POETRY—A study of the three principal movements of nineteenth century poetry: Romanticism, le Parnasse, and Symbolism, illustrated by interpretative lectures. Selected poems will be studied by the method of Explication de Textes. (Offered 1937-38.) *Three hours credit.*

313. COMPARATIVE GRAMMAR OF THE ROMANCE LANGUAGES—The morphology and syntax of Modern French will be studied in connection with those of any other Romance language with which the student may be familiar. A knowledge of some Italian dialect may profitably be turned to account in this course. *Three hours credit.*

NOTE—The following additional courses will be offered in 1938-39 and subsequently:

305-306. SURVEY OF FRENCH LITERATURE

307. MODERN FRENCH DRAMA

308. CLASSICAL FRENCH DRAMA

#### German

101-102. ELEMENTARY GERMAN—Introduction to the fundamental principles of grammar, drill in the declensional forms of nouns and adjectives together with elementary conversation and the reading of easy prose and poetry. *Four hours credit each semester.*

203. INTERMEDIATE GERMAN—Elementary composition based on a review of the essentials of grammar. The reading material for this course is chosen with the double purpose of furnishing a basis for the further study of German literature and providing those who wish to do technical reading with a working knowledge of the modern language. Prerequisite, German 101-102 or two years of German in high school. *Three hours credit.*

204. INTERMEDIATE GERMAN—A continuation of German 203. Reading of texts of increasing difficulty accompanied by conversation and exercises in composition. Prerequisite, German 203. *Three hours credit.*

305, 306. SCIENTIFIC AND CONVERSATIONAL GERMAN—Composition and conversation, including teaching of elementary German. Prerequisite, German 204. *Three hours credit each semester.*

#### Italian

101-102. ELEMENTARY ITALIAN—The fundamentals of grammar are taught by constant drill in syntax and inflectional forms. Spoken Italian with special attention to correct pronunciation and diction is studied in connection with the reading of simple modern texts. *Three hours credit each semester.*

203. INTERMEDIATE ITALIAN—Review of grammar in connection with elementary composition. Modern texts are read and used as a basis for conversation in Italian. Prerequisite, Italian 102, or two years of high school Italian. *Three hours credit.*

204. INTERMEDIATE ITALIAN—A continuation of Italian 203. In this course the stories and plays are studied as literature, at the same time they serve as material for the study of the language. *Three hours credit.*

#### Russian

101-102. ELEMENTARY RUSSIAN—The fundamental differences between Russian and English are explained graphically so as to afford a simplified approach to easy scientific texts, and so as to make possible the acquisition of the essential vocabulary of conversation in a minimum of time. *Three hours credit each semester.*

### Spanish

101-102. ELEMENTARY SPANISH—The essentials of Spanish grammar are taught through written and oral exercises and are supplemented with the reading of simple texts. *Four hours credit each semester.*

203. INTERMEDIATE SPANISH—Review of grammar with imitative exercises in composition. Reading of selected classics of Spanish and Spanish-American prose narration. Prerequisite, Spanish 102 or two years of Spanish in high school. *Three hours credit.*

204. INTERMEDIATE SPANISH—A continuation of Spanish 201. Reading of modern stories and plays with conversational exercises based upon the text. *Three hours credit.*

305. SURVEY OF SPANISH LITERATURE TO 1700—An introductory course illustrated with selections from the principal classic writers, especially those of the Golden Age. Conducted partly in Spanish. *Three hours credit.*

306. SURVEY OF MODERN SPANISH LITERATURE—May be taken independently of Spanish 305. For both courses the prerequisite is Spanish 204 or its equivalent. The purpose of this course is to acquaint the student with the principal writers of Spain since 1700. *Three hours credit.*

### MUSIC

NOTE: For more complete information concerning the School of Music, write for special Music Bulletin.

The School of Music of Youngstown College was organized to provide a thorough course of instruction in all branches of music, both theoretical and applied. To this end an eminent faculty has been assembled, the courses carefully correlated, and the work in music articulated with the other subjects in the college curriculum. The studios of the School of Music are located on the fourth floor of the college building, are well lighted, attractive, and well suited to this work.

Classes in instrumental music under the guidance of the college faculty offer beginners an excellent opportunity to test their potential talents. Enrollment in these classes is limited.

Examinations in all branches of applied music are held at the end of each semester before a committee of the faculty. This examination and the recommendation of the instructor shall determine promotion.

A complete course for the training of band masters and professional players on the band instruments is offered. The course consists of the study of a major solo instrument, tone production and technique of all band instruments, theoretical subjects, arranging, and conducting. Advanced students have the advantage of conducting a band under supervision.

Regular students must fulfill the following entrance requirements:

*Piano Students* must be prepared to play before a committee of the faculty a selection from the following compositions or others of equal grade in a manner satisfactory to the faculty.

- (a) Two studies from Czerny, Op. 299.
- (b) One two-part invention or a dance from Bach.
- (c) One of the easier compositions from Chopin.
- (d) One sonata movement from Haydn, Mozart, or the easier Beethoven, and a concert number of corresponding difficulty.

In addition to this, a student should be able to read at sight a medium grade composition, play all of the major scales and major arpeggios, and write major and minor scales with correct signatures.

*Violin Students* must know six positions, be able to read at sight a piece selected by the committee, and be able to play satisfactorily the following:

- (a) A study of Mazas (Special studies.)
- (b) A study by Kreutzer to the grade of No. 32.
- (c) A movement from a sonata by Mozart or a concerto by Vivaldi.

*Organ Students* must be able to play on the piano the following:

- (a) Any scale or arpeggio.
- (b) A Bach invention.
- (c) A prelude and fugue from Bach's "Well Tempered Clavichord."
- (d) A sonata by Mozart, or one of the easier Beethoven sonatas.
- (e) A composition by Mendelssohn, Grieg, Schubert, Schumann, etc.

*Wind Instrument* students must have had at least one year's experience in band or orchestra ensemble and be able to play any first-grade song. They must also be able to play elementary studies by Arban and Gati for Brass Instruments and studies of similar difficulty for wood-wind.

*Cello Students* must be able to read at sight a piece selected by the committee and be able to play satisfactorily:

- (a) Technical exercises from Schroder, Book I.
- (b) All major scales two octaves.

In evaluating courses in applied music for college credit the following basis shall be used:

Piano, Violin, or Band Instruments—One hour of college credit for each lesson per week, accompanied by 1½ hours of practice daily (not to exceed 2 hours per semester.)

Organ or Voice—One hour of college credit for each lesson per week accompanied by 1 hour of practice daily (not to exceed 2 hours per semester.)

To be coordinated into a major, such credits must be accompanied by studies in musical theory, as outlined in the catalog, or by courses accepted in lieu thereof by the regularly constituted authorities.

101, 102. SIGHT SINGING AND EAR TRAINING—Two recitations each week. Required of all students majoring or minoring in Music, and the first theoretical course to be offered by students of applied music who desire credit for same. A study of the fundamentals of music in respect to notation, scale formation, and derivation; singing at sight in one and two parts, major and minor modes, G and F clef; dictation in one and two parts, major and minor modes, G and F clef.

*One hour credit each semester.*

103-104. ELEMENTARY HARMONY—Two recitations each week. A study of the fundamental triads, dominant seventh, and secondary seventh chords in major and minor modes; harmonizing given and original melodies; analysis. *Two hours credit each semester.*

105, 106. APPRECIATION OF MUSIC—Two recitations each week. A discussion of the problems of listening to music, designed primarily for non-professional listener. Lectures, outside readings, study of phonographic records, reports. *Two hours credit each semester.*

201-202. ADVANCED HARMONY—Three recitations each week. A continuation of Harmony 103-104. A study of chordal alterations, use of chords of the major mode, in the minor mode, and vice versa, modulation and transition, pedal point. Prerequisites, Music 101, 102, 103-104. *Three hours credit each semester*

203, 204. HISTORY OF MUSIC—Two recitations each week. A study of the beginnings of music from pre-historic times down to the beginning of the sixteenth century. *Two hours credit each semester.*

301, 302. STRICT COUNTERPOINT—Two recitations each week. First, second, third, fourth, and fifth species of academic counterpoint in two, three, and four parts; combined counterpoint. Prerequisite, 201-202. *Two hours credit each semester.*

303, 304. HISTORY OF MUSIC—Three recitations each week. A continuation of 203, 204. The development from the beginning of the sixteenth century down to the present day. *Three hours credit each semester.*

401-402. MUSICAL FORM—A study of musical form beginning with the phrase and continuing through the song form to the rondo forms. Analysis of master works illustrative of the forms studied. *Three hours credit each semester.*

Students regularly enrolled in the musical ensembles of the college, i.e., Men's Glee Club, Women's Glee Club, Orchestra, and Chapel Choir, and who, by regular attendance and earnest endeavor merit it, may receive credit not to exceed one half hour per semester, for two hours rehearsal per week, but the credit must be definitely for membership in one certain organization.

**Tuition Rates—Music Faculty**  
Semester of Eighteen Weeks

	One Half-hour Lesson per week	Two Lessons per week
Henry V. Stearns (piano and organ).....	\$45.00	\$90.00
George A. Bretz (piano).....	27.00	54.00
Kathryn Guarnieri (voice).....	45.00	90.00
Alvin Myerovich (violin).....	27.00	54.00
Jacob Hubert (violoncello).....	27.00	54.00
Harry Joyce (wood-wind instruments).....	27.00	54.00
Class instruction in Piano and Violin.....		\$13.50

**ORIENTATION**

This course aims to help the new college student to adjust himself quickly to college life. The problems studied include, how to study in college; how to select college courses; how to select a life work. Lectures, library readings, and quizzes. Required of all Freshman students.

*One hour credit.*



## PHILOSOPHY

202. ETHICS OF JESUS—A study of the records of Matthew, Mark, and Luke, with the object of discovering Jesus' conception of life, and the ethical principles revealed in both his teaching and actions. The purpose of the course is to furnish a basis for the student's development of his own philosophy of life. *Three hours credit.*

203. INTRODUCTION TO PHILOSOPHY—A lecture and discussion course designed to introduce the student to the methods, problems and fundamental conceptions of philosophy, and to the significance of the higher values of life.—moral, aesthetic, and religious. *Three hours credit.*

205. LOGIC—A study of the nature of thought, and of true and false methods of thinking. *Two hours credit.*

301. HISTORY OF PHILOSOPHY—The development of philosophy from the time of the Greeks down to the present day, with a discussion of present-day philosophic problems in the light of their origin. *Three hours credit.*

302. HISTORY OF PHILOSOPHY—A continuation of History of Philosophy 301. Prerequisite, Philosophy 301. *Three hours credit.*

305. ETHICS—A study of human nature, of character and conduct. A survey of the evolution of ideas of right and wrong: an introductory study of the principal types of ethical theory, and an evaluation of them. Ethical principles are discussed in relation to personal, political, economic, and international problems. (Offered 1937-38.) *Three hours credit.*

306. ETHICS—A continuation of Ethics 305. Prerequisite, Ethics 305. (Offered 1937-38.) *Three hours credit.*

307. CIVILIZATION AND ETHICS—A survey of the ethical thought of the centuries, from the time of the Greeks to the present day, and as related to the life of the times, in each era. *Three hours credit.*

308. CIVILIZATION AND ETHICS—Continuation of Course 307. Prerequisite, Philosophy 307. *Three hours credit.*

## PHYSICAL EDUCATION

101, 102. PHYSICAL EDUCATION (Men)—Three hours each week. The course includes hygiene and general body-building exercises, gymnastic and athletic games, and competitive sports, with advanced elective activities for the physically superior groups. Required of Freshmen. *One-half hour credit each semester.*

103, 104. PHYSICAL EDUCATION (Women)—The course includes the following sports: soccer, basketball, tennis, golf, and volley ball. Also folk-dancing, natural dancing and rhythmic gymnastics, personal hygiene. Required of Freshmen. *One-half hour credit each semester.*

106. HYGIENE—One lecture each week with outside readings. Required of all Freshmen. *One hour credit.*

205, 206. ADVANCED PHYSICAL EDUCATION (Men)—Three hours each week. A continuation of courses 101, 102. Required of Sophomores. *One-half hour credit each semester.*

207, 208. ADVANCED PHYSICAL EDUCATION (Women)—Two hours each week. The student is given an opportunity to develop skill in her favorite sports. Swimming, golf, tennis, and natural dancing are offered. Required of Sophomores. *One-half hour credit each semester.*

## PHYSICS

Students expecting to major in Physics should elect Chemistry and Mathematics in their first year, continuing the latter at least through the second year. The basic course in Physics is of Sophomore grade. One additional year of Physics is required for a minor, and two for a major in the subject.

201-202. GENERAL COLLEGE PHYSICS—A general course in the fundamentals of physical science. The first semester ordinarily includes the study of mechanics, heat, and sound, the second semester being devoted to electricity, magnetism, and light. Lecture and recitation, three hours, and two two-hour laboratory periods each week. Prerequisite, Sophomore standing. Trigonometry highly desirable.

*Five hours credit each semester.*

303. ELECTRICITY AND MAGNETISM—This course presents a critical study of the physical laws underlying this highly important subject. Prerequisites, Physics 201-202 and Mathematics 209-210.

*Three hours credit.*

308. THERMODYNAMICS—A study of the fundamental laws of thermodynamics: Carnot cycle, the heat engine, entropy, reversible and irreversible cycles: application to certain problems. Prerequisites, Physics 201-202 and Mathematics 209-210. (Offered 1937-38.)

*Three hours credit.*

314. ANALYTIC MECHANICS—Credit is granted for this course either as physics or as Mathematics 314. For a description of the course, see the latter.

*Three hours credit.*

322. PHYSICAL OPTICS—An advanced study of light and its interactions with matter. Prerequisites, Physics 201-202 and Mathematics 209-210. (Offered 1937-38.)

*Three hours credit.*

404. READINGS IN MODERN PHYSICS—With the permission of the head of the department, senior students are sometimes allowed to engage in individual study along some phase of modern physics, reporting regularly their progress, and receiving guidance when necessary.

*Two or three hours credit.*

## POLITICAL SCIENCE

(See Social Science)

## PUBLIC SPEAKING

(See English)

## PSYCHOLOGY

201. GENERAL PSYCHOLOGY—A study of the fundamental principles of human behavior. This includes a brief survey of the field, the relationship of physiological structure to behavior, the study of the nature and development of motives, perception, consciousness and other factors in the integration of personality. Prerequisite to all other courses in the field.

*Three hours credit.*

202. PSYCHOLOGY OF EDUCATION—A study of those principles and laws of psychology that form the bases for rational education and that apply to the problems of the school. Prerequisite, Psychology 201.

*Three hours credit.*

206. SOCIAL PSYCHOLOGY—A study of psychological principles and methods applied to social problems and factors influencing social life. Prerequisite, Psychology 201.

*Three hours credit.*

301. BUSINESS PSYCHOLOGY—A study of the psychological factors and principles involved in human relationships in marketing, law, advertising, medicine, selling, personnel management, and the like, as found in business, the professions, and industry. Prerequisite, Psychology 201.  
*Three hours credit.*

302. PSYCHOLOGY OF THE ABNORMAL—A study of the causes, nature, and trend of mental maladjustments and injured personality, stressing the value and means of mental hygiene. Prerequisite, Psychology 201.  
*Three hours credit.*

303. PSYCHOLOGY OF RELIGION—Study of the psychological facts and principles affecting religious experiences, sense of sin, conversion, character development, faith, worship, and allied dynamics of personality, activating the individual and society. Prerequisite, Psychology 201.  
*Three hours credit.*

305. CHILDHOOD AND ADOLESCENCE—A study of the development of the child, his structure, needs, motivations, care, and social adjustment, up to and including the period of adolescence. Prerequisite, Psychology 201. (Offered 1937-38.)  
*Three hours credit.*

306. PERSONALITY AND MENTAL HYGIENE—A study of personality, its characteristics and factors, its development and functioning, with collateral study of mental adjustments, as a hygiene for the development of a dynamic, happy, and useful personality. Prerequisite, Psychology, 201.  
*Two hours credit.*

309. PSYCHOLOGICAL TESTS AND VOCATIONAL GUIDANCE—A course in theory and practice in psychological testing and vocational guidance technique, involving individual and group knowledge of methods and field. Prerequisite, Psychology 201.  
*Three hours credit.*

## RUSSIAN

(See Modern Languages)

## SOCIAL SCIENCE

### The Group Study Plan

At the beginning of the junior year the student who has elected this field as his major will proceed on the group study plan and must complete a minimum of three such groups, totaling approximately twelve credits to the group, in his junior and senior years. The remaining credit requirements may be made up after consultation with the head of the department. Before any student may be permitted to enroll in the group study plan, although he may have completed the prerequisites, he may be required to present further evidence of sufficient background of the work he proposes to follow. Students who are thus deficient, as well as students who have transferred from other institutions, may be required to take a comprehensive examination covering that phase of the work about which there is doubt.

The method of procedure under the group plan will include the lecture and discussion method, much as is used else-

where, but with certain fundamental differences. The seminar method, individual and class research by projects, will be fostered throughout, always keeping in mind that it is of utmost importance to develop skill in fact finding and of discrimination in assembling a mass of facts. A student will no longer study an isolated course, but will follow a coordinated study of an entire group of related subjects. Using group II as an example, the first hour of the day may be devoted to a consideration of that part of American history dealing with Taft's Administration and all its political implications, both temporary and permanent in nature. The next hour the same class will go into a detailed study of monopolies of the period, anti-trust activities, effects of the tariff, and an inquiry into those individuals and groups who were lobbying for or against the tariff, and what were their economic motives. The third hour, which might be the same day or another day of the same week, the sociology of the period will be examined. Another hour the class will study our diplomatic dealings with the remainder of the world—the Hague Conference, attempts to prevent selfish interests from plunging us into war with Mexico, "Dollar Diplomacy" in Central America and other places of the world, etc.

A minimum of 45 credits is required of social science majors.

The following groups are merely suggestive of the plan to be followed.

#### Group I (Offered 1936-37)

America, 1783-1860

AMERICAN HISTORY—Development and Growth of Constitution, Westward Expansion, Mexican War, Slavery and Disunion. Cultural, social, and intellectual life during first half of 19th century.

ECONOMIC HISTORY—Early development of our industrial and agricultural life, taxation, banks, monetary policies, tariffs.

POLITICAL PARTIES AND GOVERNMENT—Growth of political democracy and demagoguery and their relation to economic and social life.  
9 to 12 credits.

#### Group II (Offered 1936-37)

America, 1860-1914

POLITICAL HISTORY—Shift of political balance of power after 1860. Growth of bosses, rounding out statehood, homestead laws, political imperialism, etc.

ECONOMIC HISTORY OF U. S.—Business combinations, monopolies, economic imperialism, credit inflation, etc.

SOCIAL PROBLEMS—Maladjustments caused by political economic policies, labor problems, immigration laws, Indian policies, slums, rural decadence.

AMERICAN FOREIGN POLICY—Special emphasis on Pacific and Caribbean diplomacy and on European Alliances since 1870 that have influenced America. *9 to 12 credits.*

### Group III (Offered 1935-36)

PHILOSOPHY OF THE STATE—Theories of Locke, Rousseau, Hobbes, Plato, Marx, Montesquieu, Machiavelli.

SOCIAL PROBLEMS OF THE INDUSTRIAL REVOLUTION—A study of the fate of various classes and groups after feudalism, the enclosures, slave economy, industrial peonage, etc.

ECONOMIC HISTORY OF EUROPE—A study of farm ownership, economic units, inflation, taxation, and economics of colonization by European countries.

A STUDY OF WAR SINCE THE FRENCH REVOLUTION—An examination of every major conflict, diplomatic and economic intrigues, cabals, costs, social and historical results. *9 to 12 credits.*

### Group IV

ANCIENT MEDITERRANEAN WORLD THROUGH THE CAESARS.

History of Byzantine World and effects of its dissolution on Balkan History.

Greek Political and Intellectual Growth through Pericles.

Culture of Mediterranean World to Renaissance.

*9 to 12 credits.*

### Group V

HISTORY OF THE WORLD SINCE 1914.

World Politics and Comparative Governments: Types, forms, changes, methods, same period.

Labor Problems in American Industry, and International Economic Problems, same period. *9 to 12 credits.*

### Group VI (Offered 1935-36)

HISPANIC-AMERICAN HISTORY—Study of beginnings and aboriginal cultures, ethnic groups, Spanish influences, effects of Spanish disintegration.

MEXICO—Statecraft, religion, revolution, growth of constitutionalism, 1823-1930.

PAN-AMERICANISM—America's policies in Central and South America, economic penetration, trade pacts, cultural understanding and growth.

Submerged groups in the Western World and their threats to stable governments and civilization. *9 to 12 credits.*

### Examinations

It will be a part of every student's work to achieve certain skills in methods of research and in compiling selected bibliographies in each field of knowledge. Instead of semester exam-

inations for each course there will be substituted oral and comprehensive examinations by groups. Such examinations, together with reading notes, bibliographies, oral reports, and special projects within the field, will constitute the tests by which the student's accomplishments are measured.

#### Individual Courses In The Social Science Field

Students will not be admitted to the group study plan without permission by the head of the department and for the most part only those students who are of Junior or Senior standing and who are majoring in Social Science.

Arrangements will be made for certain advanced students to participate in some one of the subjects under the group plan who are not majoring in Social Science. However, such a permission must be secured before registration.

#### Economics

101, 102. PRINCIPLES OF ECONOMICS—A study of the laws of production, exchange, distribution, consumption of goods, the fundamentals of wealth, and an analysis of the industrial actions of men as regards land, labor, capital, money, credit, rent, interests, and wages. Designed for Freshmen and Sophomores. *Three hours credit each semester.*

106. INDUSTRIAL HISTORY—This course traces the development of a number of American industries up to the present time and furnishes a background for further economic study. *Three hours credit.*

207. FINANCIAL INSTITUTIONS—This course deals with money, banking, securities, insurance, etc. A non-technical study of the various financial institutions with which the average person comes in contact. Prerequisites, Economics 101, 102. *Three hours credit.*

301. TAXATION—A general treatment of the principles and practice of taxation with special reference to methods and conditions in the United States. Prerequisite, Economics 101. *Three hours credit.*

303. ECONOMIC HISTORY OF THE UNITED STATES—A study of the economic forces that have shaped our national life. Prerequisites, Economics 101, 102. *Three hours credit.*

307. MONEY AND BANKING—A study of the functions and services of money, regulation of currency, modern financial structure, the operation of investment and commercial banks, and the Federal Reserve system. Prerequisite, Economics 101 or 303. *Three hours credit.*

309. LAND ECONOMICS—A study of the fundamental problems of home ownership, forestry, agricultural credit, tenancy, the place of land in our economic life, the services rendered by land, and the principles governing the use of land. Prerequisite, Economics 101. *Three hours credit.*

#### History

101. MODERN EUROPEAN HISTORY, 1500-1815—A general survey of the history of Western Europe covering the period from Luther and Henry VIII to Napoleon. The purpose of this course is to give the student a comprehensive understanding of the many phases of modern civilization. Designed for Freshmen and Sophomores. *Three hours credit.*

102. MODERN EUROPEAN HISTORY, 1815 TO THE PRESENT—A survey of the history of Europe, emphasizing its relations to the rest of the world during the nineteenth and twentieth centuries. Students who elect to take only one semester of history are advised to take this course. Designed for Freshmen and Sophomores. *Three hours credit.*

201. HISTORY OF THE UNITED STATES TO 1850—A study of the general political, social, and economic developments of the United States from the beginning of our history to the middle of the nineteenth century. Designed for Sophomores. *Three hours credit.*

202. HISTORY OF THE UNITED STATES SINCE 1850—A continuation of History 201, giving special emphasis to the causes of the Civil War and the period which followed. *Three hours credit.*

205, 206. HISTORY OF EUROPE SINCE THE FALL OF ROME—A survey of European civilization from the fall of Rome in 476 through the Middle Ages, the Renaissance and the Modern Era to the present day. *Four hours credit each semester.*

211-212. HISTORY OF THE BRITISH PEOPLE—From the earliest times to the present. Special emphasis is given to the social, industrial, and commercial development of England. The growth of parliament, the contest for religious freedom, the literary and intellectual development of the British people. Prerequisites, History 101, 102. *Three hours credit each semester.*

302. HISTORY OF RUSSIA—A study of the development of the Russian people and their political institutions from earliest times to the present. *Three hours credit.*

303. FRENCH REVOLUTION—The Napoleonic era from 1789 to 1815. *Three hours credit.*

304. HISTORY OF THE BALKANS—This course is designed primarily for advanced students and will cover the modern changes in the Balkans since 1900 including the problems that arose out of the Balkan Wars of 1911 and up to and including the World War. From the World War to the present time the history will treat largely of the political and economic arrangements growing out of the World War. *Three hours credit.*

306. WESTERN AMERICAN HISTORY—This course follows the "tide of the empire" mainly during the Nineteenth century and covers its development from economic, social, and political standpoints. Prerequisites, History 201, 202. *Three hours credit.*

309. LATIN-AMERICAN HISTORY—Colonial Latin-America, and the development of the principal Latin-American countries. Prerequisites, History 101, 102, 201, 202. (Offered 1937-38.) *Three hours credit.*

311. HISTORY OF GREECE—Political and cultural growth of Greece. Prerequisites, History 101, 102. *Three hours credit.*

312. HISTORY OF ROME—The first republic, the growth of the city of Rome and the Mediterranean states, the growth of the early imperial system, the rule of the Caesars, to the decline of the empire. Prerequisites, History 101, 102. *Three hours credit.*

318. HISTORY OF MODERN REVOLUTION—This course includes a study of the underlying causes and results of recent revolutionary tendencies in various parts of the world—Cuba, Germany, Italy, Russia, China, Mexico, etc. Prerequisites, History 201, 202. *Three hours credit.*

320. HISTORY OF ART AND CIVILIZATION—A study of the civilizations of Greece and Italy; the influence which fostered the unfoldment of cultural life and the influences which led to disintegration; the nature of the peoples and their ideals; their architecture, sculpture, and painting as the expression of their changing conception of life. In the study of the civilization and art of Italy, special emphasis will be given to the period of the Renaissance. Not open to Freshmen and Sophomores. (Offered 1937-38.)  
*Three hours credit.*

321. HISTORY OF ART AND CIVILIZATION—Continuation of History 320. Prerequisite, History 320. (Offered 1937-38.)  
*Three hours credit.*

322. HISTORY OF ART AND CIVILIZATION—A continuation of History 321, from the end of the Renaissance in Italy to the present day. The people, culture, and art of France, Germany, Spain, Netherlands, England. The nineteenth century. Present-day tendencies, including art in the United States. Not open to Freshmen and Sophomores. (Offered 1937-38.)  
*Three hours credit.*

323. CIVILIZATION AND ART—A continuation of History 322. Prerequisite, History 322. (Offered 1937-38.)  
*Three hours credit.*

#### Political Science

101. INTRODUCTION TO POLITICAL SCIENCE—An introduction to American political life.  
*Three hours credit.*

102. AMERICAN GOVERNMENT—A survey of federal, state, city, and county governments.  
*Three hours credit.*

305. AMERICAN POLITICAL PARTIES—A study of political activities, bosses, machines, pressure groups, etc. Prerequisites, Political Science 101, 102. (Offered 1937-38.)  
*Three hours credit.*

306. COMPARATIVE GOVERNMENTS—A comparative study of governments and politics in America and the other leading nations of the world, with regard to forms, procedure, and recent developments. Prerequisites, Political Science 101, 102.  
*Three hours credit.*

307. MUNICIPAL GOVERNMENT AND ADMINISTRATION—A study of the principles and plans of City Government in the United States. Supplemented by occasional lectures of local officials concerning municipal problems peculiar to Youngstown. The problems of the modern city—home rule, public utilities, administrative organization, city finance, city planning, public health and recreation, schools, and other vital problems.  
*Three hours credit.*

310. AMERICA'S FOREIGN POLICY—This course is a full and detailed study of the facts of our foreign policy through the entire period of our history from the French Alliance in 1778 through the World War and the many conferences since that time.  
*Three hours credit.*

312. AMERICAN STATESMEN—This is a study of American government through the lives of the leading statesmen, who have been instrumental in shaping the policies of the American government in past and present. Prerequisites, Political Science 101, 102.  
*Three hours credit.*

#### Sociology

101. AN INTRODUCTION TO WESTERN CIVILIZATION—This is an orientation course open to Freshmen. The purpose of the course is to give a broad general treatment of those social forces which are shaping



our civilization. It will include a study of man's culture, ancient and present, his institutions, his ethical standards, and the more material side of his civilization. *Three hours credit.*

102. PRINCIPLES OF SOCIOLOGY—A study of the fundamental ideas and principles of the study of society, the origins and proposed solutions of some of our modern social problems. *Three hours credit.*

203. HISTORY OF SOCIAL THOUGHT—An analysis of the constant change of social attitudes and the processes of growth. Prerequisites, Sociology 101, 102. *Three hours credit.*

204. SOCIAL PATHOLOGY—A study of specific social problems of society. Prerequisite, Sociology 102. *Three hours credit.*

307. CRIME AND PENAL INSTITUTIONS—The nature and causes of crime and criminals and the organization of judicial and penal institutions. *Three hours credit.*

310. THE FAMILY—A study of the family in its different forms and types, at different times and among different peoples. *Three hours credit.*

311. CULTURAL ANTHROPOLOGY—A study of the institutions of primitive people in pre-historic and modern times, their cultures and desires, art and religion. Prerequisite, Sociology 102. *Three hours credit.*

312. RURAL SOCIOLOGY—This course places stress on problems peculiar to American rural life. Extension and adult education, sound principles of community organization and development. Rural policies for communities, states, and the nation. *Three hours credit.*

313. INDUSTRIAL SOCIOLOGY—An interpretation of the theories and principles which underlie the present organization of business, corporate ownership, and the wage systems in industry. A study of the effect upon society of the economics of plenty and the economics of scarcity. Prerequisites, Sociology 101, 102. *Three hours credit.*

#### SPANISH

(See Modern Languages)

#### SPEECH

(See English)

## DEGREES CONFERRED, 1935

## Bachelor of Arts

Aley, Howard Charles	Youngstown
Barnes, Grace Elizabeth	Youngstown
Bayowski, Emil A.	Mineral Ridge
Boyer, Donald K.	Negley
Bush, Cecelia Elizabeth	Youngstown
Button, Elizabeth T.	Youngstown
Caggiano, Vincent	Youngstown
Campbell, George W.	Youngstown
Cooper, David D.	Youngstown
Davis, Lawrence Carson	Youngstown
DelBene, Frank John	Girard
Dickson, Mae Ethlyn	Youngstown
Dolak, Anna Marie	Youngstown
Donahue, John L.	Youngstown
Dzuroff, Stephen Thomas	Youngstown
Elser, R. Donald	North Lima
Friedrich, Marguerite Suzanne	Youngstown
Galicia, John Louis	Lowellville
Halferty, Arthur E.	Youngstown
Hercules, Mary Katherine	Youngstown
Higgins, Thomas	Youngstown
Holley, Raymond E.	Struthers
Howalt, Ida Belle Stevenson	Youngstown
Johnston, William George	Lowellville
Jones, Grace Audrey	Youngstown
Julius, Albert C.	Youngstown
Keister, Alden D.	Youngstown
Losh, Nelle Francis	Youngstown
Lyden, Mary Coletta	Youngstown
MacDonald, William Henderson	Hubbard
McCorkle, Robert Lloyd	Warren
McFarland, Frederick	Youngstown
McKnight, Freda	Youngstown
McLaughlin, Emily Lewis	Youngstown
Migliarese, John	Lowellville
Morris, Helen Marie	Youngstown
Morrison, Margaret Sara	Youngstown
Mulcahy, Charles J.	Youngstown
Nolan, Helen	Youngstown
Pose, Isaac	Sharon, Pa.
Price, Eunice Mary	Youngstown
Probst, William Francis	Girard
Raupp, John Kenneth	Youngstown
Rice, Sue	Youngstown
Rich, James J.	Campbell
Riddle, Evelyn	Youngstown
Roemer, John	Struthers
Rowland, Frederick Stambaugh	Youngstown
Sarnecchia, Theresa Isabel	Youngstown
Steele, Frances E. Willard	Lowellville
Sullivan, Robert E.	Youngstown
Terlecki, John P.	Youngstown
Welsh, Mary Catherine	Youngstown
Wike, Hazel Jean	Youngstown
Williams, James B., Jr.	Youngstown
Zhuck, Anna Mary	Youngstown
<b>Bachelor of Laws</b>	
Goldblatt, L. Jay, M. D.	Youngstown

## REGISTER OF STUDENTS

1935-1936

Freshmen

Allen, Sallie, Youngstown  
 Amreihn, George, Youngstown  
 Anderson, Elmer, Youngstown  
 Arp, Doris, Lowellville  
 Ashmus, Harold, Youngstown  
 Austin, Robert, Youngstown  
 Baehler, Martha, Youngstown  
 Baird, Frank, Youngstown  
 Baker, Elbert, Niles  
 Baldwin, Richard, Niles  
 Ballen, Josephine, Youngstown  
 Balmenti, Joseph, Youngstown  
 Balogna, Frank, Youngstown  
 Barber, Francis, Youngstown  
 Bare, Harry, Youngstown  
 Bartolo, William, Youngstown  
 Barton, Louis, Youngstown  
 Baugh, Jane, Youngstown  
 Bauman, Richard, New Springfield  
 Bayowski, Eugene, Mineral Ridge  
 Beacham, Adele, Youngstown  
 Beatty, Robert, Youngstown  
 Beckman, William, Youngstown  
 Belinky, Neoma, Youngstown  
 Bennett, Anson, Warren  
 Berg, Kenneth, Youngstown  
 Bernat, Leo, Youngstown  
 Bevington, Jane, Youngstown  
 Billo, George, Youngstown  
 Birch, Homer, Struthers  
 Black, Kenneth, Youngstown  
 Black, Mary Louise, Struthers  
 Blair, Velma, Youngstown  
 Block, Rosalyn, Youngstown  
 Bloom, Burton, Youngstown  
 Bobby, Walter, Farrell, Pa.  
 Boccia, Gene, Youngstown  
 Booker, James, Youngstown  
 Bowden, Mirriam, Youngstown  
 Boyd, Robert, Youngstown  
 Bradlyn, Samuel, Youngstown  
 Brakeman, Gordon, Youngstown  
 Brashear, Morris, Youngstown  
 Brooks, Willis, Sharon, Pa.  
 Brown, Betty, Columbiana  
 Brown, Darwyn, Youngstown  
 Brown, Leo, Youngstown  
 Brown, Richard, Youngstown  
 Brown, Richard, Cortland  
 Brown, Slater, Youngstown  
 Bryan, Joseph, Youngstown  
 Butler, Duane, Brookfield  
 Burton, Eugene, Youngstown  
 Buzulenich, George, Youngstown  
 Cadman, Charles, Canfield  
 Cannatti, Joseph, Youngstown  
 Carlson, Arthur, Youngstown  
 Carissima, Gilda, Youngstown  
 Cassano, Stella, Youngstown  
 Cavansugh, Robert, Youngstown  
 Centofanti, Frank, Youngstown  
 Ceatone, Patrick, Youngstown  
 Chance, Donald, Niles  
 Chapinsky, Walter, Youngstown  
 Chrisholm, Alexander, Youngstown  
 Chuey, Steve, Poland  
 Cioffi, Arthur, Campbell  
 Clair, Robert, Niles  
 Clark, Chris, Niles  
 Cline, Mary, Girard  
 Colleran, Lillian, Youngstown  
 Collins, Marion, Youngstown  
 Coney, Otis, Youngstown  
 Connelly, Edward, Youngstown  
 Connors, Ann, Youngstown  
 Conway, Billie Sue, Struthers  
 Convicote, Edward, Youngstown  
 Cook, Gineva, Youngstown  
 Corean, John, Warren  
 Corkhill, Raymond, Youngstown  
 Cossler, Virginia, Youngstown  
 Cotton, Walter, North Lima  
 Creager, Clarence, Meron, Indiana  
 Curran, Marjorie, Youngstown  
 Dalleske, Ronald, Youngstown  
 Daly, Julian, Youngstown  
 Davidson, Louis, Youngstown  
 Davies, Venita, Youngstown  
 Davis, Charlotte, Youngstown  
 Davis, Donald, Youngstown  
 Davison, Walter, Youngstown  
 Deluga, Chester, McDonald  
 DeMatters, Vincent, Niles  
 Dixon, Phoebe, Youngstown  
 Doeping, Lucille, Youngstown  
 Domladovoc Anna, Struthers  
 D'Onofrio, Lewis, Lowellville  
 Doughton, Azalia, Warren  
 Doolittle, Robert, Warren  
 Douthitt, Howard, Youngstown  
 Dreher, Frank, Youngstown  
 Dunham, Clifford, Youngstown  
 DuVall, Nile, Canfield  
 Eastlake, Charles, Youngstown  
 Edwards, Roy, Hubbard  
 Elavsky, John, Youngstown  
 Ellis, Joe, Youngstown  
 Engelhardt, Charles, Youngstown  
 Entzi, Andrew, Youngstown  
 Eneyart, William, Girard  
 Erskine, Helen, Lowellville  
 Ewanik, Stella, Canfield  
 Faust, Helena, New Middletown  
 Feren, Fay, Youngstown  
 Findley, Margaret, Poland  
 Firth, Richard, Youngstown  
 Fisher, George, Youngstown  
 Fisher, Martha, Youngstown  
 Flynn, E., Youngstown  
 Formichelli, Arthur, Youngstown  
 Fosku, Bruno, Warren  
 Fotion, Alice, Youngstown  
 Fouts, Paul, Youngstown  
 Fox, John, Youngstown  
 Frank, Arthur, Youngstown  
 Fratilla, August, Sharon, Pa.  
 Frederick, Betty, Youngstown  
 Friedrich, Carl, Youngstown  
 Furry, Flora, Youngstown  
 Fusco, Josephine, Youngstown  
 Galetta, Adeline, Campbell  
 Gangwere, George, Girard  
 Gayetsky, Matilda, Campbell  
 Gerber, Erma, East Liverpool  
 Gettig, Vernon, Warren  
 Giesy, John, Youngstown  
 Gifford, Helen, Youngstown  
 Giles, James, Youngstown  
 Gill, Ruth, Youngstown  
 Gilhoire, Marvin, Youngstown

## Freshmen (Continued)

- Glass, William, Campbell  
 Gleason, William, Youngstown  
 Gonsi, Eugene, Warren  
 Gondel, Tom, Youngstown  
 Greenburg, Jack, Sharon, Pa.  
 Gregor, Abe, Warren  
 Grizinski, Ted, Campbell  
 Groves, Myron, Youngstown  
 Groppo, Michael, Youngstown  
 Gubbins, William, Youngstown  
 Gura, Elizabeth, Struthers  
 Guttridge, Louise, Youngstown  
 Haber, Martin, Youngstown  
 Hager, Arline, Youngstown  
 Hall, Mardell, Youngstown  
 Hamilton, Manuel, Youngstown  
 Hammer, W. C. Youngstown  
 Hanna, Joseph, Youngstown  
 Hari, Evelyn, Youngstown  
 Harris, Edgar, Youngstown  
 Hart, Vaughn, Conneaut  
 Haynes, Floyd, Youngstown  
 Herman, Frances, Youngstown  
 Herman, Frank, Campbell  
 Hesselman, Herman, Youngstown  
 Hewitt, William, Youngstown  
 Hnat, Julia, Youngstown  
 Hofmeister, Catherine, Youngstown  
 Holzbach, Carl, Warren  
 Horner, Virginia, Youngstown  
 Hrabko, Paul, Youngstown  
 Hunsinger, Alvin, Youngstown  
 Hussey, Coletta, Youngstown  
 Inglis, Norman, Youngstown  
 Ingorvath, Harry, Youngstown  
 Irby, Virginia, Youngstown  
 James, Reese, Youngstown  
 Jesik, Peter, Youngstown  
 Jones, Katherine, Lowellville  
 Jones, Miriam, Youngstown  
 Jones, Paul, Youngstown  
 Jones, Russell, Youngstown  
 Jones, Stanley, Youngstown  
 Jones, Velara, Warren  
 Kaunevich, Alex, Youngstown  
 Keane, Agnes, New Castle, Pa.  
 Kennedy, Reta, Youngstown  
 Kenny, Joseph, Youngstown  
 King, Charles, Youngstown  
 King, George, Sharon, Pa.  
 Kiren, Joseph, Youngstown  
 Kiser, Paul, Youngstown  
 Kitchin, Marthajane, Youngstown  
 Kodja, John, Youngstown  
 Kook, Frank, Youngstown  
 Kraemer, Gertrude, Youngstown  
 Lampila, Albert, Warren  
 Lantz, Harry, Youngstown  
 Lawson, Alma, Youngstown  
 Lawyer, Ethel, Youngstown  
 Lassner, Eugene, Youngstown  
 Levoff, Harold, Youngstown  
 Lewis, Robert, Youngstown  
 Lewis, Dorothy, Youngstown  
 Lidington, Jack, Struthers  
 Lisby, Bernard, Newton Falls  
 Listiak, Michael, Youngstown  
 Logan, Catherine, Youngstown  
 Logan, Victor, Kinsman  
 Love, Helen, Youngstown  
 Loveiland, David, Youngstown  
 Lowry, Robert, Warren  
 McAlister, Margaret, Girard  
 McBride, Margaret, Hubbard  
 McBride, Wilbert, Youngstown  
 McCambridge, James, Youngstown  
 McHugh, Margaret, Youngstown  
 Mackil, David, Youngstown  
 Madjarich, Mary, Campbell  
 Maher, Coletta, Youngstown  
 Mahrer, Margaret, Youngstown  
 Major, Albert, Youngstown  
 Margeaux, Ward, Sharon, Pa.  
 Martin, Rowena, Youngstown  
 Masi, Carmelina, Campbell  
 Masi, James, Campbell  
 Matasy, John, Youngstown  
 Mattern, Ethel, Youngstown  
 Meehan, James, Lowellville  
 Meehan, Thomas, Youngstown  
 Meenachan, Joseph, Youngstown  
 Melillo, Frank, Niles  
 Mentzer, Hazel, Youngstown  
 Miller, Lawrence, Niles  
 Meyerhoefer, Lillian, Canfield  
 Minor, Barbara, Youngstown  
 Moore, Francena, Struthers  
 Morgan, Elizabeth, Sharon, Pa.  
 Morley, Jack, Youngstown  
 Morris, Louise, Youngstown  
 Morris, Ralph, Youngstown  
 Morrow, Wilton, Youngstown  
 Morton, James, Youngstown  
 Murphy, Woodrow, Warren  
 Meimark, Sadie, Lowellville  
 Myerovich, Alvin, Youngstown  
 Nagel, Eleanor, Youngstown  
 Nagy, Steve, Youngstown  
 Nathanson, Raymond, Youngstown  
 Neag, Martha, Youngstown  
 Noble, Fred, Youngstown  
 Noday, Mike, Youngstown  
 Norling, Ralph, Girard  
 O'Brien, Lawrence, Niles  
 Obenauf, Frederick, Youngstown  
 Olds, Margaret, Poland  
 Orben, John, Youngstown  
 Orzechowski, Alexander, Youngstown  
 Osgood, Vincent, Youngstown  
 Osiniak, Emily, Youngstown  
 Ostrowski, Frank, Youngstown  
 Over, Vivian, Youngstown  
 Owen, James, Youngstown  
 Palchefskey, Frances, Youngstown  
 Panessa, Anne, Youngstown  
 Parker, Thomas, Youngstown  
 Parshall, Edward, West Middlesex, Pa.  
 Pence, Mary, Diamond  
 Perkins, Louise, Youngstown  
 Peters, Paul, Youngstown  
 Peterson, Dick, Youngstown  
 Pincus, Adelaide, Youngstown  
 Pisani, Almond, Youngstown  
 Pittenger, Leland, East Liverpool  
 Powell, William, Youngstown  
 Porter, Lawrence, Youngstown  
 Pound, William, Youngstown  
 Prescott, David, Youngstown  
 Prezioso, Angelo, Youngstown  
 Probst, John, Youngstown  
 Pugh, Harry, Youngstown  
 Quinette, Charles, Youngstown  
 Raupple, Carl, Youngstown  
 Reebel, Gladys, Youngstown  
 Reese, James, Youngstown  
 Reese, LaVerne, Youngstown  
 Richard, Viola, Campbell  
 Richards, William, Youngstown

## Freshmen (Continued)

Riggie, Dorothy, Youngstown  
 Robertson, George, Sharon, Pa.  
 Robinson, Joseph, Youngstown  
 Rock, Charles, Youngstown  
 Rovder, John, Campbell  
 Rudjak, Joe, Campbell  
 Ruffalo, Robert, Youngstown  
 Rukenbrod, Jane, Youngstown  
 Rummell, Harold, Poland  
 Russo, Ann, Youngstown  
 Russo, Dominic, Youngstown  
 Russo, Philomena, Youngstown  
 Rutsky, Paul, Youngstown  
 Sammy, Max, Warren  
 Sargent, Robert, Youngstown  
 Sause, Robert, Youngstown  
 Sause, William, Youngstown  
 Schaeffer, Jack, Youngstown  
 Scheetz, William, Youngstown  
 Schmid, Henry, Youngstown  
 Schrecengost, Celeste, Youngstown  
 Schwartz, Edward, Youngstown  
 Schwartz, Julius, Youngstown  
 Scofield, Charles, Youngstown  
 Shields, Dallas, Sharon, Pa.  
 Shiley, Lola, Mineral Ridge  
 Shindedecker, C. D. Youngstown  
 Shirock, Irma, Girard  
 Shirock, Robert, Girard  
 Shively, Walton, Mineral Ridge  
 Shoup, Audley, Youngstown  
 Sigler, James, Cortland  
 Simko, Louis, Youngstown  
 Slessman, Dale, Youngstown  
 Smith, Frank, Youngstown  
 Smith, John, Youngstown  
 Smith, William, Youngstown  
 Smith, Willis, New Middletown  
 Snyder, Margaret, Youngstown  
 Snyder, Olive, Hubbard  
 Sofranko, John, Youngstown  
 Somatic, John, Wheatland, Pa.  
 Sovik, Elmer, Youngstown  
 Stamper, Ivan, Struthers  
 Stanley, Esther, Canfield  
 Stark, John, Youngstown  
 Stewart, Frank, Niles  
 Stewart, John, Youngstown  
 Zurrow, Peter, Youngstown  
 Stucki, Johanna, Youngstown  
 Sylak, Charles, Girard  
 Sylak, Stanley, McDonald  
 Tate, John, Youngstown  
 Tavolario, James, Youngstown  
 Taylor, David, Youngstown  
 Taylor, Robert, Youngstown  
 Thayer, Lewis, Youngstown  
 Thexton, George, Youngstown  
 Thompson, Lloyd, Youngstown  
 Thompson, Paul, Youngstown  
 Thomas, Charles, Niles  
 Thomas, Richard, Youngstown  
 Thorne, Charles, Youngstown  
 Thorne, John, Youngstown  
 Thornton, Creed, Youngstown  
 Tumblin, William, Youngstown  
 Turner, James, Youngstown  
 Uhrain, Michael, Poland  
 VanBroeklin, Loren, Youngstown  
 VanCourt, Woodrow, Mineral Ridge  
 Varley, Genevieve, Youngstown  
 Vellucci, James, Youngstown  
 Villani, Joseph, Youngstown  
 Vinski, Paul, Youngstown  
 Vlaicu, Helen, Youngstown  
 Walsh, J. P., Youngstown  
 Walsh, Rosanne, Youngstown  
 Watkins, Cameron, Warren  
 Weininger, Natalie, Youngstown  
 Weiss, Opal, Youngstown  
 Weiss, Sherburnt, Youngstown  
 Welker, Doris, Youngstown  
 Weller, Robert, Youngstown  
 Wells, Roy, Youngstown  
 Welsh, Robert, Youngstown  
 Westfall, Henry, Niles  
 Wheland, Mary, Youngstown  
 Whitten, Robert, Youngstown  
 Wick, Robert, Youngstown  
 Wiseman, Glenn, Youngstown  
 Wolfgang, George, Youngstown  
 Young, Clifford, Hubbard  
 Yorkshire, Rosemary, Youngstown  
 Zebroski, Jean, Sharon, Pa.  
 Zellers, Charles, Columbiana  
 Zerella, Enil, Youngstown  
 Zieme, Raymond, Youngstown  
 Zimmerman, Paul, Youngstown

## Sophomores

Agnone, Madeline, Youngstown  
 Atkinson, Mabel, New Castle, Pa.  
 Barlett, John, Campbell  
 Barnes, James, Youngstown  
 Beane, John, Youngstown  
 Bentfield, Frederick, Youngstown  
 Billman, Charles, Youngstown  
 Blair, James, Youngstown  
 Brooks, Gordon, Youngstown  
 Burton, Elizabeth, Youngstown  
 Camens, Samuel, Youngstown  
 Cardelein, John, Youngstown  
 Carney, Joseph, Youngstown  
 Carney, Thomas, Youngstown  
 Casan, Matthew, Sharon, Pa.  
 Chirelli, Gene, Youngstown  
 Conti, Roger, Lowellville  
 Costarella, Adam, Youngstown  
 Dailey, Thomas, Youngstown  
 Davies, Robert, Youngstown  
 Davis, Frank, Sharon, Pa.  
 DeBartola, James, Youngstown  
 DeCarlo, John, Youngstown  
 Devine, Sylvanus, Struthers  
 Dignan, Mary, Youngstown  
 Dillon, Ralph, Youngstown  
 D'Orsi, Albert, Youngstown  
 Dupuy, William, Youngstown  
 Eckert, Wilford, Youngstown  
 Elser, Galen, North Lima  
 Frank, Melvin, Youngstown  
 Filips, Vincent, Youngstown  
 Gambrel, Frank, Youngstown  
 Gless, Carolyn, Cortland  
 Goldcamp, Edna, Youngstown  
 Gough, Rebecca, Struthers  
 Griffiths, James, Youngstown  
 Groves, Margaret, Youngstown

## Sophomores (Continued)

Hanacome, Russell, Youngstown  
 Harkovitz, Louis, Youngstown  
 Hathaway, Richard, Youngstown  
 Heslov, Bernice, Youngstown  
 Hoekinson, Norris, Youngstown  
 Hurd, Burt, Jr., Youngstown  
 Jacko, Frank, Youngstown  
 Jaffee, Michael, Youngstown  
 James, Mary, Youngstown  
 Johnson, Annabel, Youngstown  
 Johnson, Helen, Youngstown  
 Johnson, Hildur, Youngstown  
 Jones, Renald, Youngstown  
 Katsacas, Peter, Campbell  
 Keckley, Virginia, Youngstown  
 Kidston, Ward, Youngstown  
 King, Jane, Youngstown  
 Kirkner, Janet, Youngstown  
 Kirkner, Norbert, Youngstown  
 Knauff, Paul, Girard  
 Knight, Phillip, Sharon, Pa.  
 Knittel, Carl, Youngstown  
 Koniecko, Alex, Youngstown  
 Kopp, Tanya, Youngstown  
 Kovach, Dazo, Campbell  
 Kuchty, Walter, Youngstown  
 Laakso, Celia, Youngstown  
 Lane, Adolphe, Youngstown  
 Lebio, Joseph, Youngstown  
 Leidy, James, Youngstown  
 Litvin, William, Youngstown  
 Logan, John, Youngstown  
 McCracken, George, Youngstown  
 McKee, James, Sharon, Pa.  
 Maloney, Paul, Youngstown  
 Margo, Madeline, Youngstown  
 Mealy, David, Girard  
 Mele, Patrick, Youngstown  
 Meynsburg, Mary, Detroit, Michigan  
 Middleton, John, Youngstown  
 Miller, Gladys, Youngstown  
 Miller, Glenn, Youngstown  
 Miller, Owen, Youngstown  
 Monahan, Anna, Girard  
 Moore, Charles, Sharon, Pa.  
 Mouery, Ralph, Youngstown  
 Mounts, Daniel, Youngstown

O'Neil, James, Youngstown  
 Orsay, Valentine, Youngstown  
 Patrick, James, Youngstown  
 Petite, Daniel, Youngstown  
 Powers, Jeannette, Canfield  
 Reinmund, Robert, Lisbon  
 Rempes, Howard, Youngstown  
 Rich, Michael, Campbell  
 Roberts, Thompson, Struthers  
 Robinson, Joseph, Youngstown  
 Robinson, Romeo, Youngstown  
 Robinson, Thomas, Youngstown  
 Rodgers, Elinor, Youngstown  
 Rossano, Anthony, Struthers  
 Rosapepe, Rose, Youngstown  
 Sample, LaVerne, Youngstown  
 Senrazzo, Guido, New Castle, Pa.  
 Schume, John, Youngstown  
 Scofield, Charles, Struthers  
 Seabrooks, Ruth, Youngstown  
 Sherfel, Karl, Youngstown  
 Shilling, Ray, Youngstown  
 Shively, Walton, Mineral Ridge  
 Smith, Marion, Youngstown  
 Snow, Marvin, Youngstown  
 Sontag, Edward, Youngstown  
 Sontag, Louis, Youngstown  
 Sternagle, Albert, Youngstown  
 Stine, Charles, Youngstown  
 Stone, Jayne, Youngstown  
 Strain, Shelley, Youngstown  
 Swartsweller, Ernest, Youngstown  
 Taylor, Robert, Youngstown  
 Thompson, Ernest, Youngstown  
 Thrasher, Laura, Youngstown  
 Treffert, Fay, Niles  
 Vivo, Anthony, Youngstown  
 Voit, Charles, Warren  
 Walker, William, Youngstown  
 Weir, Robert, Warren  
 Wells, William, Youngstown  
 Westfall, Rebekah, Niles  
 Wighton, Marjorie, Youngstown  
 Wilcox, Churchill, Youngstown  
 Williams, Lewis, Girard  
 Williams, Vern, Youngstown  
 Zoss, Neil, Youngstown

## Juniors

Agey, Mary Jane, Youngstown  
 Alburn, Harvey, Youngstown  
 Aley, Lane, Youngstown  
 Andrews, George, Youngstown  
 Axelson, Marion, Niles  
 Baker, Edna, Niles  
 Balla, William, Youngstown  
 Barker, Edward, Youngstown  
 Bender, Theodore, Youngstown  
 Bower, Ethel, Youngstown  
 Broderick, Nell, Youngstown  
 Brooks, Howard, Youngstown  
 Brown, Arthur, Youngstown  
 Brown, Walter, Youngstown  
 Burger, Pearl, Youngstown  
 Cailor, Harry, Youngstown  
 Campbell, Louise, Youngstown  
 Chizmar, John, North Jackson  
 Comstock, Edna, Youngstown  
 Cook, Marjorie, Youngstown  
 Crumpton, E. R., Youngstown  
 Devine, Dennis, Struthers  
 Devine, Derwent, Struthers

Diacandrew, Michael, Youngstown  
 D'Ovidio, Mary, Youngstown  
 Dyer, Hibbard, Youngstown  
 Evans, Frank, Girard  
 Faras, Gus, Youngstown  
 Fiess, Max, Youngstown  
 Fink, Manie, Struthers  
 Gardner, Ruth, Youngstown  
 George, Jessie, West Middlesex, Pa.  
 Gold, Sonia, Youngstown  
 Graneto, Laura, Youngstown  
 Gulfo, Frank, Youngstown  
 Hackett, Margaret, Struthers  
 Hahn, Barbara, Youngstown  
 Hall, Helen, Youngstown  
 Hamilton, Myron, Niles  
 Hattell, Kathryn, Youngstown  
 Herr, Julia, Youngstown  
 Hill, Margaret, Youngstown  
 Hofmeister, R. C., Youngstown  
 Holz, Theodore, Youngstown  
 Hoover, Dallas, Youngstown  
 Hower, Wayne, Warren

## Juniors (Continued)

Hutzen, Howard, Youngstown  
 Inglis, Lorena, Youngstown  
 Isaman, Fredric, Youngstown  
 Johnson, Helen, Youngstown  
 Jones, Mary, Diamond  
 Kelly, Ralph, Youngstown  
 Kennedy, Harold, Youngstown  
 Kile, Betty, Youngstown  
 Kirkner, William, Youngstown  
 Knox, Carolyn, Youngstown  
 Koczur, John, McDonald  
 Kopioenski, Francis, Youngstown  
 Lackey, William, Youngstown  
 Larocco, Julia, Campbell  
 McComas, Luella, Youngstown  
 McCullough, Donald, Poland  
 McGuckin, Mary, Youngstown  
 Malys, Stanley, Campbell  
 Miller, Alex, Youngstown  
 Moench, Phyllis, Youngstown  
 Molnar, Otto, Sharon, Pa.  
 Moore, Ted, Youngstown  
 Mogan, George, Youngstown  
 Muretic, Matthew, Youngstown  
 Norling, Victor, Girard  
 Paul, Georgia, Youngstown  
 Polomsky, Nathan, Youngstown

Post, Bessie, Youngstown  
 Powers, Mildred, Girard  
 Proctor, Edward, Youngstown  
 Radcliffe, Maurice, Warren  
 Raupple, Jean, Youngstown  
 Ray, Robert, Youngstown  
 Repasky, Margaret, Youngstown  
 Rigelhaupt, Bert, Youngstown  
 Rodgers, Elinor, Youngstown  
 Sabatino, Constance, Youngstown  
 See, Walter, Youngstown  
 Schuller, George, Youngstown  
 Sabatine, Constance, Youngstown  
 Shields, Paul, Youngstown  
 Siegfried, Jack, Youngstown  
 Sondecker, Louis, Youngstown  
 Stewart, Katherine, Struthers  
 Stillwagon, Mildred, Niles  
 Todd, Henry, Columbiana  
 Tuecciarone, Mayme, Youngstown  
 Turlley, Alvin, Girard  
 Ungar, William, Youngstown  
 Volk, Anne, Youngstown  
 Wardle, Jay, Youngstown  
 Welch, Ludt, Youngstown  
 Wighton, Laurabelle, Youngstown  
 Williams, Nathaniel, Youngstown

## Seniors

Abrams, Alyce, Hubbard  
 Agnew, Robert, Girard  
 Aley, Robert, Youngstown  
 Allison, John, Youngstown  
 Averbach, Abe, Youngstown  
 Bachop, William, Youngstown  
 Bagnall, Marietta, Youngstown  
 Barr, Glenetta, Youngstown  
 Beaver, Grace, Youngstown  
 Best, William, Youngstown  
 Birath, Louis, Youngstown  
 Bowman, Olive, Niles  
 Brentin, Nicholas, Bessemer, Pa.  
 Brittain, Ruth, Girard  
 Brown, Harold, Youngstown  
 Button, Alfred, Youngstown  
 Chappel, Winnifred, Burghill  
 Codrea, Raymond, Youngstown  
 Comstock, Edna, Youngstown  
 Creed, Helen, Hubbard  
 Culcasi, James, Sharon, Pa.  
 D'Onofrio, Michael, Lowellville  
 Donahue, Edward, Youngstown  
 Estulin, S. Abe, Youngstown  
 Evans, William, Sharon, Pa.  
 Fisher, Joseph, Lowellville  
 Furdas, Olga, Youngstown  
 Gambrel, Marilouise, Youngstown  
 Gogesch, Matilda, Youngstown  
 Gue, Myrtle, Struthers  
 Hanelin, Miriam, Youngstown  
 Harness, Lillian, Youngstown  
 Hart, Louis, Youngstown  
 Hawkins, Erma, Canfield  
 Herald, Jack, Youngstown  
 Holiday, Annette, Campbell  
 Humphrey, Edward, Youngstown  
 Jenkins, Vera, Youngstown  
 Jewel, Eleanor, Girard  
 Johnson, Edith, Youngstown  
 Jones, Mary C., Girard  
 Jones, E. B., Sharon, Pa.

Kenaston, Herbert, Youngstown  
 Knoche, Leah, Struthers  
 Lane, Mary, Youngstown  
 Laughlin, Edward, Youngstown  
 Leach, Donald, Youngstown  
 Leah, Howard, Warren  
 Lucarell, Rocco, Youngstown  
 McCracken, Chester, North Jackson  
 MacDonald, Leah, Youngstown  
 Malmer, Ann, Youngstown  
 Mastriana, Anne, Poland  
 Margo, Joseph, Youngstown  
 Morris, Harriett, Struthers  
 Opritza, Daniel, Youngstown  
 Pear, Violet, Youngstown  
 Pfaff, Gertrude, Youngstown  
 Phelan, William, Sharon, Pa.  
 Pleger, Mary Louise, Campbell  
 Powers, Gene, Canfield  
 Reid, Jean, Youngstown  
 Rice, Elizabeth, Youngstown  
 Robinson, Helen, Hubbard  
 Romig, Fred, Warren  
 Sage, George, Farrell, Pa.  
 Schoenhard, George, Youngstown  
 Schultz, Robert, Youngstown  
 Shaw, Lois, Youngstown  
 Sieman, Harold, Warren  
 Smith, Earl, Youngstown  
 Snyder, Helene, Girard  
 Strait, Dennis, Youngstown  
 Tartan, Elvira, Youngstown  
 Vojnovich, Charles, Campbell  
 Volison, Katherine, Youngstown  
 Wagner, Stewart, Youngstown  
 Walters, Roy, Youngstown  
 Wike, Eleanor, Youngstown  
 Wildman, Glenn, Niles  
 Wyland, Evalie, Girard  
 Yasechko, Joseph, New Middletown  
 Zeigler, Charles, Youngstown

## Law

Best, William, Youngstown  
 Bowman, George, Salem  
 Brown, William, Youngstown  
 Bryan, Joseph, Youngstown  
 Chambers, James, Youngstown  
 Cosnack, Leda, Youngstown  
 Crawford, R. H., Youngstown  
 Donahue, John, Youngstown  
 Jernon, Velva, Youngstown  
 Dougherty, Paul, Youngstown  
 Golomb, Ben, Youngstown  
 Griffin, Desmond, Sharon, Pa.  
 Heller, Robert, Warren  
 Helper, K. G., Youngstown  
 Herald, Mary, Youngstown  
 Higgins, Thomas, Youngstown  
 Kryzan, Frank, Youngstown

Leach, R. A., Youngstown  
 McCracken, Chester, North Jackson  
 MacDonald, Thomas, Hubbard  
 Mastriana, Anne, Poland  
 Palmer, Arthur, Newton Falls  
 Reich, David, Youngstown  
 Rickert, Harold, Youngstown  
 Russert, Harold, Youngstown  
 Shields, Ina, New Castle, Pa.  
 Shields, Lyle, New Castle, Pa.  
 Sullivan, Robert, Youngstown  
 Swager, Warren, Youngstown  
 Thoman, Albert, Columbiana  
 Walker, Paul, Youngstown  
 Walters, R. E., Youngstown  
 Warnock, Fred, Youngstown  
 Wester, Arthur, Youngstown

## Post-Graduates

Armstrong, Lamar, Youngstown  
 Barnes, Grace, Youngstown  
 Bassett, Joseph, Niles  
 Bowers, Dorothy, Hubbard  
 Bricks, Bonita, Youngstown  
 Catherman, Clair, Poland  
 Collieran, Catherine, Youngstown  
 Conti, Nicholas, Campbell  
 Condon, Raymond, Youngstown  
 Cooper, Ruth, Struthers  
 DeLeo, Peter, McDonald  
 Downie, E. J., Youngstown  
 Friedlob, Edward, Youngstown  
 Friedrich, Marguerite, Youngstown  
 Gary, Stephen, Campbell  
 Gulianish, Ann, Youngstown  
 Hossell, Frederick, Youngstown  
 Howells, Edith, Girard  
 Ickes, Paul, Warren  
 Jones, Joseph, Youngstown  
 Kunicki, Bennett, Campbell  
 Luebben, Kathryn, Youngstown

McCloskey, Martha, East Liverpool  
 McClurg, James, Youngstown  
 McKnight, Freda, Youngstown  
 Miles, W. H., Youngstown  
 Minich, Marshall, Warren  
 Moody, Ralph, Youngstown  
 Morgan, Edith, Youngstown  
 Mulcahy, Charles, Youngstown  
 Parenti, Sandron, Campbell  
 Owsley, Richard, Youngstown  
 Rein, Helen, Youngstown  
 Roberts, Elizabeth, Youngstown  
 Rogers, George, Salem  
 Rowland, Jane, Youngstown  
 Seroney, Cecil, Lowellville  
 Shook, Donald, Youngstown  
 Teeters, Francis, Girard  
 VanAuker, Paul, Struthers  
 Varley, John, Lowellville  
 Welsh, Mary, Youngstown  
 White, Iona, Youngstown  
 Wylie, John, Youngstown

## Irregular Students

Adams, Thomas, Youngstown  
 Alcorn, Margaret, Youngstown  
 Astronis, Asklepias, Youngstown  
 Beale, Ida, Bessemer, Pa.  
 Eiddlestone, Myrtle, Warren  
 Bletsos, Sherwin, Youngstown  
 Bode, Elizabeth, Youngstown  
 Bondor, Paul, Youngstown  
 Boylan, David, Youngstown  
 Chubbs, Jay, Youngstown  
 Clay, Ralph, Canfield  
 Collinson, W. H., Salem  
 Daff, Leo, Youngstown  
 Dates, Sylvia, Youngstown  
 DeMay, Albert, Sharpsville, Pa.  
 Dunn, Roger, Youngstown  
 Evans, Flora, Youngstown  
 Fenton, Chester, Poland  
 Flint, Edna, Youngstown  
 Foster, Howard, Youngstown  
 Galley, Julian, Poland  
 Gerrity, Alice, Youngstown  
 Grabon, George, Youngstown  
 Harris, Lawrence, Youngstown  
 Heiter, Martin, Youngstown  
 Hindman, E. W., Niles

Marso, Regis, Sharon, Pa.  
 Martin, Vern, Salem  
 Miller, Irene, Youngstown  
 Mitchell, Ann, Youngstown  
 Morrison, Ann, Girard  
 Mountford, Thomas, Youngstown  
 Myers, Walter, New Castle, Pa.  
 Noland, Leah, Youngstown  
 Olson, Anna, Canfield  
 Owsley, Richard, Youngstown  
 Petronsky, Joseph, Struthers  
 Petronsky, Louise, Struthers  
 Polas, Peter, Youngstown  
 Redmond, Anne, Youngstown  
 Rhodes, Nina, Hubbard  
 Rippel, Oliver, Youngstown  
 Schneider, Wilbur, Sharon, Pa.  
 Sell, Christine, Youngstown  
 Shepard, Vera, Sharon, Pa.  
 Siegel, William, Struthers  
 Slater, Leonard, Youngstown  
 Smith, Clara, Youngstown  
 Smith, LeRoy, Youngstown  
 Smyth, C. H., Sharon, Pa.  
 Stansbury, Francis, Youngstown  
 Steele, George, E. Liverpool



## Irregular Students (Continued)

Hopkins, Ethel, Youngstown  
 Jenkins, Lucille, Sharon  
 Jones, Edmund, Youngstown  
 Karr, Nicholas, Youngstown  
 Kortz, Malvin, Youngstown  
 Lemon, Edith, Youngstown  
 Lemon, George, Youngstown  
 Limberger, Isabel, Youngstown  
 Lipton, Herman, Youngstown  
 McCarthy, Joseph, Youngstown

Swaney, Donald, Youngstown  
 Tachach, Elizabeth, Youngstown  
 Terbot, William, Warren  
 Thomas, D. H., Warren  
 Thomas, Robert, Youngstown  
 Tisone, Carl, Youngstown  
 Umberger, Frank, Youngstown  
 Van Auker, Alfred, Youngstown  
 Warg, Ernest, Youngstown  
 Willis, Elizabeth, Youngstown

## SUMMARY OF STUDENTS

FOR THE YEAR 1935-1936	...	...
Freshman	.....	389
Sophomores	.....	132
Juniors	.....	162
Seniors	.....	79
Law	.....	34
Post Graduates	.....	44
Irregular	.....	72

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M- 687  
 T- 96  
 C- 11  


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Youngstown  
College  
1937-1938