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MARSHALL COLLEGE

(FOUNDED 1837)

BULLETIN

ISSUED BI-MONTHLY

Volume XXIII, No. 5



CATALOGUE 1938 - 1939

Announcements for 1939 - 1940

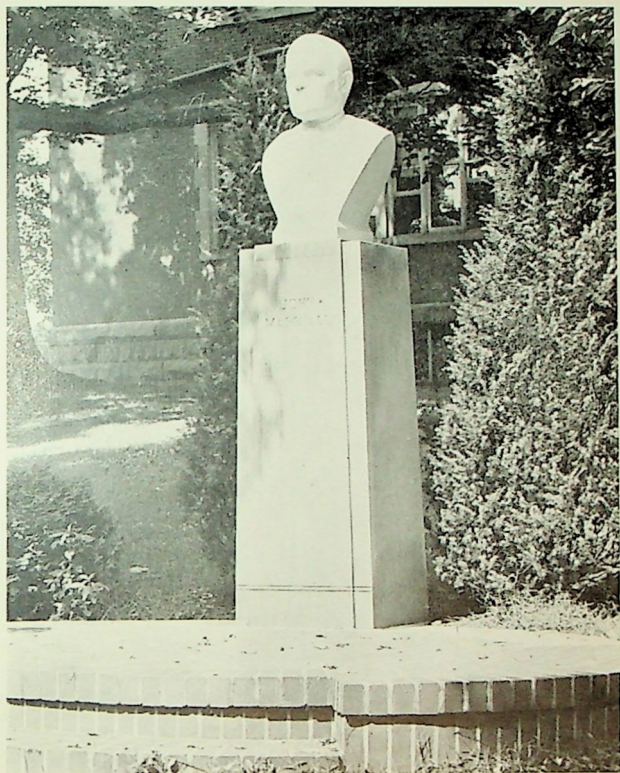
APRIL 1939

HUNTINGTON, WEST VIRGINIA

This bulletin of Marshall College contains information of general value to high school graduates and other prospective students and their parents. Complete information as to entrance fees, living conditions, requirements for degrees in either of the colleges, and a brief statement of the courses of study offered are given. This bulletin is sent on request and without cost. For further information, address the Secretary.

Accredited by the North Central Association of Colleges and Secondary Schools and the American Association of Teachers Colleges, and a member of the Association of American Colleges.

(For out-of-State tuition see page 38.)



JOHN MARSHALL

This statue of John Marshall was unveiled during the Centennial Celebration in 1937 on the west slope of the campus in front of Old Main Building. Former Comptroller of the Currency the Honorable J. F. T. O'Connor made the dedicatory address.

Marshall College (then Marshall Academy) was organized in 1837, two years after the death of the great jurist, and named in his honor.



MARSHALL COLLEGE

BULLETIN

(FOUNDED 1837)

THE TEACHERS COLLEGE

THE COLLEGE OF ARTS AND SCIENCES

CATALOGUE 1938 - 1939

Announcements for 1939 - 1940

ISSUED BI-MONTHLY

VOLUME XXIII No. 5

APRIL 1939

HUNTINGTON, WEST VIRGINIA

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YEAR 1939

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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8	9	10	11	12	13	14	12	13	14	15	16	17	18	12	13	14	15	16	17	18	9	10	11	12	13	14	15
15	16	17	18	19	20	21	19	20	21	22	23	24	25	15	16	17	18	19	20	21	16	17	18	19	20	21	22
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YEAR 1940

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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7	8	9	10	11	12	13	4	5	6	7	8	9	10	10	11	12	13	14	15	16	7	8	9	10	11	12	13
14	15	16	17	18	19	20	11	12	13	14	15	16	17	14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	18	19	20	21	22	23	24	17	18	19	20	21	22	23	21	22	23	24	25	26	27
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														31													
MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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12	13	14	15	16	17	18	9	10	11	12	13	14	15	7	8	9	10	11	12	13	11	12	13	14	15	16	17
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24
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							30																				
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	6	7	8	9	10	11	12	3	4	5	6	7	8	9	1	2	3	4	5	6	7
8	9	10	11	12	13	14	13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
15	16	17	18	19	20	21	20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
22	23	24	25	26	27	28	27	28	29	30	31			24	25	26	27	28	29	30	29	30	31				
29	30																										

THE COLLEGE CALENDAR

SESSION 1939-1940

First Semester:

September 12, 13, Tuesday and Wednesday	Freshman Days, including Registration
September 12, Tuesday, 9:00 a. m.	Freshman Assembly
September 14, Thursday	Upper class Registration
September 15, Friday, 8:00 a. m.	Classes begin
September 20, Wednesday	Last day for changes in students' schedules
November 13, Monday	Mid-semester reports
November 30, Thursday	Thanksgiving Day
December 21, Thursday 1:00 p. m.	Christmas recess begins

1940

January 3, Wednesday, 8:00 a. m.	Classes resume
January 22, Monday, 8:00 a. m.	Semester examinations begin
January 27, Saturday, 6:00 p. m.	Semester ends

Second Semester:

January 30, 31, Tuesday and Wednesday	Registration
February 1, Thursday	Classes begin
February 6, Tuesday	Last day for changes in students' schedules
March 21, Thursday, 1:00 p. m.	Easter recess begins
March 27, Wednesday 8:00 a. m.	Classes resume
April 1, Monday	Mid-semester reports
May 27, Monday, 1:30 p. m.	Semester examinations begin
June 2, Sunday, 11:00 a. m.	Baccalaureate Sermon
June 3, Monday	Alumni Day
June 4, Tuesday, 10:30 a. m.	One hundred and third Commencement
June 4, Tuesday	Semester ends

SUMMER SESSION, 1940

June 11, Tuesday	Registration
June 12, Wednesday, 8:00 a. m.	Classes begin
June 12, Wednesday, 10:00 a. m.	Summer School convocation
August 9, Friday, 10:30 a. m.	Summer School Commencement
August 9, Friday, 6:00 p. m.	Summer session ends
August 12, Monday, 8:00 a. m.	Three Weeks' Term begins
August 31, Saturday, 1:00 p. m.	Three Weeks' Term ends

MARSHALL COLLEGE
HUNTINGTON, WEST VIRGINIA

JAMES E. ALLEN, President
WEST VIRGINIA BOARD OF CONTROL
CHARLESTON, WEST VIRGINIA

WALTER R. THURMOND, *President*..... Charleston
M. D. CARRICO, *Treasurer*..... Charleston
JOHN BAKER WHITE, *Secretary*..... Charleston

In the management of colleges, the State Board of Control has the direction of the financial and business affairs.

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A. B. 1898, LL. D. 1923, Hampden Sydney College; graduate study in Latin 1902, 1903, University of Virginia; 1903-1906, Johns Hopkins University.

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M. A. 1911, West Virginia University; Ped. D. 1936, Salem College; graduate study in Education 1930-1931, University of Pittsburgh.

WILLIAM EBEN GREENLEAF, *Dean of the College of Arts and Sciences,*
Ph. D. 1926, Yale University.

LEE FAIRCHILD BACON, *Dean of Women,*

M. A. 1928, University of Wisconsin; M. A. 1935, Columbia University; graduate study in Personnel Administration 1938, Harvard University.

KENNETH KARL LOEMKER, *Dean of Men and Associate Professor of Psychology,*

M. A. 1929 University of Chicago; graduate study in Psychology 1928-1930 University of Illinois; 1931, 1933, 1937-1938 University of Chicago.

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Ph. B. 1899, Mt. Union College; graduate study in Education, 1921-1922, Columbia University.

ORA STAATS, *Financial Secretary.*

ATTARAH B. BLACKWOOD, *College Secretary,*

A. B. 1930, Goucher College.

CAM HENDERSON, *Director of Athletics and Head Coach,*

A. B. 1917, Salem College; graduate study in Coaching 1923, University of Illinois, 1924 University of Wisconsin, 1934 Duke University.

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 CECIL J. FERGUSON, *Manager of the Student Union*
 MRS. FRANK N. MANN, *Hostess in the Student Union*
 MRS. MARIE C. VINSON, *Manager of the Cafeteria*

LIBRARY STAFF

ROSA OLIVER, *Librarian*,
 A. B. 1921, North Carolina College for Women; New York State
 Library School 1923, certificate.
 BERNICE AMSTUTZ, *Assistant Librarian*,
 B. S. L. S. 1930, Carnegie Institute of Technology.
 MARGARET SEIDEL BOBBITT, *Assistant Librarian*,
 B. S. L. S. 1931, Drexel Institute.
 DORRIS D. HENRY, *Assistant Librarian*,
 A. B. 1936 Fairmont State Teachers College; 1932, Washington
 County, Maryland, Library diploma.

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 MISS ELEANOR MORELAND, *House Mother and Hostess, College Hall*
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 lege Hall*
 MRS. C. R. MORRIS, *House Mother and Hostess, Hodges Hall*

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C. H. MCKOWN, '28
FRANK GRASS, '08

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CAM HENDERSON, *Athletic Director and Head Coach*,
A. B. 1917, Salem College; graduate study in Coaching 1923, University of Illinois; 1924, University of Wisconsin; 1934, Duke University.
J. KERR WHITFIELD, *Assistant*,
B. S. 1932, Davis and Elkins College; graduate study in Mathematics 1933, West Virginia University.
ROY STRAIGHT, *Line Coach*,
A. B. 1934, Davis and Elkins College.
HERBERT ROYER, *Backfield Coach*,
A. B. 1938, Marshall College.
FRANCIS C. FARLEY, *Business Manager*,
A. B. 1926, West Virginia University; graduate study in Physical Education 1934, West Virginia University.

HEALTH SERVICE

CHARLES A. HOFFMAN, *College Physician*,
M. D. 1936, University of Cincinnati; graduate study in Medicine 1938, Post Graduate School of Cook County Hospital, Chicago.
NINA ERNESTINE CARROLL, *Nurse*,
R. N. 1934, University of Virginia Hospital.

THE FACULTY

JAMES EDWARD ALLEN, *President*,
A. B. 1898, LL. D. 1923, Hampden-Sydney College; graduate study in Latin 1902, 1903, University of Virginia, 1903-1906, Johns Hopkins University.
JOHN FRANK BARTLETT, *Professor of Chemistry*,
Ph. D. 1932, West Virginia University; post-doctorate study, 1936-1937, University of Zurich, University of Edinburgh, and Technische Hochschule in Munich.
CURTIS FRANKLIN BAXTER, *Assistant Professor of English*,
M. A. 1936, Washington and Jefferson College.
ROBERT LLOYD BECK, *Professor of Philosophy*,
Ph. D. 1931, Cornell University.

- WILLIAM NELSON BEETHAM, *Registrar and Assistant Professor of Education*,
Ph. B. 1899, Mt. Union College; graduate study in Education, 1921-1922, Columbia University.
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M. A. 1926, Columbia University; graduate study in Physical Education 1933, University of Wisconsin, 1936, 1937, Columbia University.
- MARIUS BLESİ, *Associate Professor of English*,
Ph. D. University of Virginia 1938.
- ELSWORTH VACHEL BOWERS, *Professor of Psychology and Director of Psychological Clinic*,
Ph. D. 1929, Ohio State University.
- ROBERT LEEVERN BRITTON, *Associate Professor of Geography*,
M. S. 1930, University of Chicago; graduate study in Geography 1932, University of Chicago.
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M. S. 1937, University of Illinois.
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M. A. 1936, West Virginia University.
- HOLLIE CLAYTON DARLINGTON, *Associate Professor of Biology*,
M. A. 1926, West Virginia University; graduate study in Biology 1930, West Virginia University; 1932, 1933, 1935, 1936, University of Chicago.
- *LESLIE M. DAVIS, *Associate Professor of Geography*,
Ph. D. 1935, University of Chicago.
- ANNA LAURA DENOON, *Professor of Mathematics*,
M. A. 1930, Columbia University.
- CONLEY HALL DILLON, *Associate Professor of Political Science*,
Ph. D. 1936, Duke University.
- WALTER MARSHALL DOVE, *Assistant Professor of Physics and Mathematics*,
M. A. 1930, West Virginia University; graduate study in Physics 1933, 1935, 1938, University of Michigan; 1937-1938, Pennsylvania State College.
- CAROLINE FORE DWIGHT, *Instructor in Commerce*,
M. B. A. 1938, Ohio State University.
- *Appointed: February, 1939.

- FREDERICK A. FITCH, JR., *Assistant Professor of Physical Education*,
M. A. 1932, New York University.
- RUTH MARION FLOWER, *Associate Professor of English*,
M. A. 1929, University of Michigan; graduate study in English
1938, University of Washington.
- JOHN C. FORS, *Associate Professor of Spanish*,
Ph. B. 1920, Colegio Nacional; A. B. 1927, Valparaiso University;
graduate study in Spanish 1929, 1933, 1937, University of Chicago.
- MARGARET VIRGINIA FOULK, *Assistant Professor of Education*,
M. A. 1928, Columbia University.
- WILLIS HAYES FRANKLIN, *Professor of English*,
M. A. 1920, Harvard University; graduate study in English 1936,
Middlebury College.
- FRANK ALBERT GILBERT, *Professor of Botany*,
Ph. D. 1927, Harvard University.
- WILLIAM EBEN GREENLEAF, *Dean of the College of Arts and Sciences
and Professor of Zoology*,
Ph. D. 1926, Yale University.
- OTTO ANDREW GULLICKSON, *Associate Professor of Physical Education*,
M. A. 1926, Columbia University.
- LILIAN HACKNEY, *Professor of Mathematics*,
A. B. 1893, West Virginia University; graduate study in Mathe-
matics 1900, Cornell University; 1907, Columbia University; 1921,
1923, 1924, 1926, University of Chicago.
- ALBERT ROBERTS HALLEY, *Professor of English*,
Ph. D. 1923, Harvard University.
- ARVIL E. HARRIS, *Associate Professor of Political Science*,
Ph. D. 1936, State University of Iowa.
- CLARA H. HARRISON, *Instructor in Commerce*,
M. A. 1933, Ohio State University.
- AUGUSTUS HAYES, *Professor of Sociology*,
Ph. D. 1920, University of Wisconsin.
- HAROLD M. HAYWARD, *Assistant Professor of Sociology*,
Ph. D. 1937, Clark University.
- CHARLES EMBURY HEDRICK, *Professor of History*,
Ph. D. 1927, George Peabody College for Teachers.
- CHARLES ANTHONY HOFFMAN, *College Physician and Instructor in Zool-
ogy*,
M. D. 1936, University of Cincinnati; graduate study in Medicine
1938, Post-Graduate School of Cook County Hospital, Chicago.
- IRMA WORKMAN HOLDERBY, *Substitute Instructor in Geography*,
A. B. West Virginia Wesleyan College; study in Education 1924,
1927, Columbia University.

- WILLIAM POWELL HOOPER, *Assistant Professor of Bible*,
A. B. 1908, Washington and Lee University; study in Theology,
1913-1915, Union Theological Seminary in Virginia.
- RALPH PRESTON HRON, *Professor of Physics*,
M. A. 1914, University of Oklahoma; graduate study in Physics
1928-1929, 1930-1931, University of Oklahoma; 1929 Columbia Uni-
versity.
- JOSEPH S. JABLONSKI, *Professor of Art*,
M. A. 1923, Harvard University; graduate study in Art 1923-1924,
Harvard University Pratt European Fellowship.
- ALLEN CONNABLE KLINGER, *Professor of History*,
Ph. D. 1930, University of Wisconsin.
- ROBERT JOSEPH LARGENT, *Professor of History*,
M. A. 1923, University of Chicago; graduate study in History 1921,
1922, 1923, 1925-1926, 1928, University of Chicago.
- KENNETH KARL LOEMKER, *Associate Professor of Psychology and Dean
of Men*,
M. A. 1929, University of Chicago; graduate study in Psychology
1928-1930, University of Illinois; 1931, 1933, 1937-1938, University
of Chicago.
- MELVIN PARSONS LOY, *Associate Professor of Biology*,
M. A. 1931, Ohio State University.
- HARRIET LYON, *Associate Professor of Education*,
B. Ed. 1889, Edinboro State Teachers College; study in Education
1916, University of Pennsylvania.
- THEETA SEARCY LYON, *Assistant Professor of Home Economics*,
M. A. 1924, Columbia University.
- *JOHN LEWIS MARTIN, *Assistant Professor of French and Spanish*,
M. A. 1934, University of Kentucky; graduate study in French
1937, 1938, Middlebury College.
- MYRTLE MACDANNALD, *Assistant Professor of Home Economics*,
M. A. 1934, Columbia University; graduate study in Home Econom-
ics 1936, 1937, Columbia University.
- AMBROSE E. MCCASKEY, *Assistant Professor of Applied Mathematics*,
M. S. C. E. 1936, West Virginia University.
- LOUISE McDONOUGH, *Assistant Professor of Physical Education*,
M. A. 1929, Columbia University; graduate study in Physical Edu-
cation 1931, Columbia University, 1938 State University of Iowa.
- ALBERT GRAHAM MOSELEY, JR., *Assistant Professor of Chemistry*,
M. S. 1928, University of Nebraska.
- GERTRUDE GATES MUDGE, *Associate Professor of Bacteriology*,
M. A. 1915, Columbia University.

- HARRY EDWARD MUELLER, *Professor of Music*,
M. Mus. 1930, Cincinnati Conservatory of Music; Mus. D. 1933,
Capitol Conservatory of Music.
- LEANDER BARTLETT MURDOCK, *Assistant Professor of German*,
M. A. 1932, Northwestern University; graduate study in German
1932-1934, Northwestern University.
- PAUL N. MUSGRAVE, *Assistant Professor of Education*,
Ph. D. 1936, West Virginia University.
- WILBERT H. NORTON, *Instructor in Commerce*,
A. B. 1922, Lynchburg College; LL. B. 1923, University of Virginia.
- CARROLL RANDOLPH OGDEN, *Assistant Professor of English*,
M. A. 1927, West Virginia University.
- ALBERT LAVERNE OLSON, *Associate Professor of Economics*,
Ph. D. 1934, Yale University; graduate study in Economics 1938,
University of Chicago.
- HAROLD RECENUS PINCKARD, *Assistant Professor of Journalism*,
A. B. Marshall College, 1929.
- WILLIAM PAGE PITT, *Professor of Journalism*,
M. S. 1930, Columbia University.
- *On leave Second Semester 1939.
- JOE DONALD POLLITT, *Instructor in English*,
M. A. 1925, Duke University; graduate study in English 1936, 1938,
Ohio State University.
- LUCY ELIZABETH PRICHARD, *Professor of Latin*,
M. A. 1924, Columbia University; graduate study in Latin 1925,
American Academy at Rome.
- ALLEN OTIS RANSON, *Assistant Professor of Speech*,
M. A. 1935, University of Wisconsin.
- NEIL D. RICHMOND, *Instructor in Zoology*,
M. A. 1934, University of Michigan.
- RUTH ROBINSON, *Associate Professor of Physical Education*,
M. A. 1928, Columbia University.
- RUSSELL IRWIN ROUDEBUSH, *Professor of Education*,
M. A. 1920, Ohio State University; graduate study in Education,
1928-1929, University of Michigan.
- JAMES BLAINE SHOUSE, *Professor of Education*,
M. A. 1910, University of Chicago; graduate study in Education,
1915-1916, 1917, 1918, 1919, University of Chicago.
- EUGENE SIMONS, *Instructor in Engineering*,
B. S. M. E. 1938, Carnegie Institute of Technology.
- JOHN L. STENDER, *Instructor in English and Journalism*,
M. A. 1938, West Virginia University.

- OLLA STEVENSON, *Professor of French*,
M. A. 1910, Northwestern University; graduate study in French 1921, University of Grenoble, 1929, McGill University.
- JAMES PAUL STOAKES, *Associate Professor of English*,
M. A. 1929, University of Wisconsin; graduate study in English 1930, 1931-1932, 1933, 1934, 1935, 1936, 1937, 1938, University of Michigan.
- LESLIE JAY TODD, *Professor of Chemistry*,
Ph. D. 1931, Columbia University.
- HORACE GRESHAM TOOLE, *Professor of History*,
Ph. D. 1932, University of Pennsylvania.
- LAWRENCE E. TUCKER, *Instructor in Speech*,
M. A. 1936, State University of Iowa.
- WILLIAM IRVIN UTTERBACK, *Professor of Zoology*,
M. A. 1915, University of Missouri.
- FLORENCE H. VANBIBBER, *Associate Professor of Psychology*,
Ph. D. 1935, University of Arizona.
- LINDLEY EDWARD VANDERZALM, *Associate Professor of Education*,
M. A. 1920, Columbia University; graduate study in Education 1921, University of Chicago, 1923, Columbia University, 1927-1928, University of Michigan.
- *J. DAVID YARBRO, *Instructor in French and Spanish*,
M. A. 1938, Columbia University.
- KATHERINE WEHLER, *Professor of English*,
M. A. 1921, Columbia University; graduate study in English; 1917, Johns Hopkins University; 1919, 1928, 1929, 1934, 1935, 1937, Columbia University.
- MARY WOOD WHITEHURST, *Assistant Professor of Music*,
M. A. 1931, Columbia University; graduate study in Music 1934, 1935, 1936, Columbia University.
- LUCY ADELE WHITSEL, *Associate Professor of Latin, Greek, and German*,
Ph. D. 1929, University of Wisconsin; graduate study in Latin 1930, American Academy at Rome; 1937, University of Wisconsin.
- MARY ANN WILLIAMSON, *Assistant Professor of English*,
M. A. 1937, University of Kentucky.
- OTIS GUY WILSON, *Dean of the Teachers College and Professor of Education*,
M. A. 1911, West Virginia University; Ped. D. 1936, Salem College; graduate study in Education 1930-1931, University of Pittsburgh.
- CLARA EASTMAN WILTSE, *Instructor in Art*,
M. A. 1937, Syracuse University; graduate study in Art 1938, Syracuse University.

*Second Semester 1938-1939.

- LEE ANTHON WOLFARD, *Professor of Commerce*,
M. C. S. 1919, University of Denver; 1921, 1922, University of
Denver.
- ROY CLEO WOODS, *Professor of Education*,
Ph. D. 1927, State University of Iowa.
- JOHN H. ZELL, *Visiting Instructor in Engineering*,
B. S. C. E. 1934, Missouri School of Mines.

SCHOOL OF MUSIC

- MILDRED MACGEORGE, *Head Instructor in Piano*,
Study in Piano 1903, Chicago School of Music; 1921, University of
California; 1927, Washington University.
- ST. ELMO FOX, *Instructor in Piano*,
B. Mus. 1932, Cincinnati Conservatory of Music.
- MARY HELEN STEELE, *Instructor in Piano*,
Study in Music 1909, Smith College; 1929, Marshall College.
- LOUISE FAY HAWORTH, *Instructor in Voice*,
Private study in Voice.

CAMPUS LABORATORY SCHOOL

- HARRIET LYON, B. Ed., *Supervisor, Grades One to Four*.
- VIRGINIA FOULK, M. A., *Supervisor, Grades Five and Six*.
- R. I. ROUEBUSH, M. A., *Supervisor, Junior and Senior High School*.
- PAUL N. MUSGRAVE, Ph. D., *Principal of the High School*.
- MARTHA B. RUMMELL, *Kindergarten*,
M. Ed. 1938, University of Cincinnati.
- LILLIAN ISBELL, *First Grade*,
Study in Education, 1909, 1921, Columbia University; 1916, Uni-
versity of Pennsylvania; 1936, University of Colorado.
- EDITH WILSON AMICK, *Second Grade*,
A. B. 1932, Marshall College.
- HAZEL DANIELS, *Third Grade*,
M. A. 1935, Columbia University.
- FRANCES LAIRD, *Fourth Grade*,
M. A. 1937, University of Michigan.
- ODA K. PETERSON, *Fifth Grade*,
M. A. 1929, University of Cincinnati.
- ANNIE PERKINS CUBBEDGE, *Sixth Grade*,
A. B. 1929, Marshall College; study in Education 1937, University
of North Carolina.
- *DOROTHY BERRY BRAGONIER, *Junior High School*,
A. B. 1915, Goucher College; study in Education 1916, West Vir-
ginia University; in History 1917, 1921, Johns Hopkins University;
1918, 1938-1939, Columbia University.
- LYELL VERNON DOUTHAT, *Junior High School*,

- M. A. 1930, Ohio State University.
 INA HART, *Junior High School*,
 M. A. 1936, West Virginia University.
 HELEN GRACE BERRY, *High School*,
 A. B. 1936, Marshall College.
 ANNA ELIZABETH COLEGROVE, *High School*,
 M. A. 1938, University of Kentucky.
 NORMAN BAYARD GREEN, *High School*,
 M. S. 1931, West Virginia University.
 VIRGINIA RIDER, *High School*,
 M. A. 1933, University of Michigan.
 *On leave, 1938-1939.
 NOVA MARTIN WALKER, *High School*,
 A. B. 1928, Marshall College.
 LESLIE CORBLY, *Assistant Librarian, High School*,
 A. B. 1930 Marshall College; study in Library Science, 1937-1938
 West Virginia University.

GRADUATE ASSISTANTS

- VIRGINIA LEE, *Assistant in Journalism*,
 A. B. 1921, Ohio Wesleyan University.
 FRED FEARING, *Assistant in Chemistry*,
 A. B. 1938, Marshall College.
 WILMA JEAN MCGUIRE, *Assistant in Chemistry*,
 A. B. 1938, Marshall College.
 CARROLL BING MILLS, *Assistant in Physics*,
 A. B. 1938, Marshall College.
 HELENE RIEGNER, *Assistant in French*,
Diplome de Francais 1928, University of Dijon, France; graduate
 study in German and French, 1927-1932, Universities of Berlin,
 Heidleberg, and Frankfurt am Main; State Examination for Sec-
 ondary Teaching, 1932.
 HERBERT ROYER, *Assistant in English*,
 A. B. 1938, Marshall College.

STANDING COMMITTEES

1938-1939

I. CLASS ADVISERS

- SENIOR CLASS, 1939—Dr. Beck.
 JUNIOR CLASS, 1940—Dr. Bartlett.
 SOPHOMORE CLASS, 1941—Mr. Fitch.
 FRESHMAN CLASS, 1942—Miss Robinson, Dr. Dillon.

II. GENERAL

- ATHLETICS FOR MEN—Mr. Beetham, Chairman; Mr. Henderson, Dean Loemker, Mr. Dandeleit, Dr. Olson, and Mr. Britton.
- ATHLETICS FOR WOMEN—Miss Robinson, Chairman; Miss Berryman, Miss McDonough, Dr. VanBibber, Miss Whitehurst.
- AUDIT—Mr. Wolfard, Chairman; Dr. Olson, and Mr. Brown.
- COLLEGE BULLETINS—The President, Mr. Stoakes, Mr. Franklin, and Miss Blackwood.
- COMMENCEMENT—The President, Dr. Gilbert, Mr. Loy, Miss Wehler, Miss Blackwood, Mr. Moseley, and Dr. Dillon.
- CREDITS—Dean Greenleaf, Dean Wilson, Mr. Beetham, and Mr. Largent.
- EXAMINATION SCHEDULES—Dr. Gilbert.
- LIBRARY—Miss Oliver, Chairman; Mr. Largent, Dr. Woods, Miss Flower, and Dr. Burnside.
- PLACEMENT—Dean Wilson, Chairman; Dean Greenleaf, Dean Bacon, and Dean Loemker.
- REGISTRATION—Mr. Beetham, Chairman; Mr. Shouse, Dean Greenleaf, Dean Wilson, and Miss Staats.
- RELIGIOUS ACTIVITIES—Dr. Harris, Chairman; Miss DeNoon, Miss Prichard, Dr. Van Bibber, Mr. Loemker, and Dr. Toole.
- SPECIAL EXAMINATIONS—Miss DeNoon, Chairman; Mr. Largent, and Dr. Woods.
- STUDENT EMPLOYMENT—Mr. Loemker, Chairman; Miss Bacon, Mr. Dandeleit, and Mr. Hron.
- STUDENT LOANS—The President, Dr. Hedrick, Mr. Beetham, Miss Prichard, and Miss Burgess.
- STUDENT ACTIVITIES—Dean Bacon, Chairman; Dean Loemker, Mr. Murdock, Mrs. Theeta Lyon, and Mr. Stender.
- STUDENT UNION ADVISORY—Dr. Olson, Chairman; Dean Bacon, Mr. Gullickson, Dr. Toole, Miss MacDannald; Mrs. Frank Mann, Hostess; Cecil J. Ferguson, Manager.

III. EXECUTIVE

- COLLEGE COUNCIL—The President, Dean Greenleaf, Dean Wilson, Dean Bacon, Dean Loemker, Miss Wehler, Mr. Dandeleit, Mrs. Theeta Lyon, Dr. Dillon, Dr. Bartlett, Mr. Roudebush, and Mr. Ogden.

IV. STUDENT

- STUDENT COUNCIL—Raymond Hage, President; (Charles Watson, President, first semester); William Nunley, Nora V. Thacker, Rae Poetet, Shirley Young, Rebecca Blizzard Politano, Shirley Martin, John Sinnett, Gordon Kinney, William Deppen, Robert Kirkpatrick, Joe Sullivan, Sam Keyser, Lovell Higgins, Houston Simms, Jeanne Davis, Thomas McKee, Robert Early, Richard Hill.

V. SPECIAL

- GRADUATE COUNCIL**—Mr. Shouse, Chairman; Dr. Bowers, Dr. Halley, Dr. Harris, Dr. Hayes, Dr. Hedrick, Dr. Todd; Dean Greanleaf, Dean Wilson, ex-officio.
- BROADCAST**—Dr. Gilbert, Chairman; Mr. Ogden, Mr. VanderZalm, Miss Whitehurst, Mr. Loy, and Mr. Tucker.
- ARTISTS SERIES**—Mr. Baxter, Chairman; Mr. Brown, Mrs. Haworth, Mr. Britton, Mrs. Mudge, Miss Prichard, and Mr. VanderZalm.
- MARSHALL REVIEW**—Executive Committee: Dr. Hedrick, Mr. Murdock, Mr. Wolfard, Mr. Dove, and Mr. Ogden. Editorial Board: Mr. Ogden, Editor-in-chief; Mr. Stoakes, Dr. Blesi, Miss Wehler, and Dr. Woods.
- STUDENT UNION CORPORATION**—The President, Mr. Harry Wolfe, Mr. Clyde Wellman, Mr. E. E. Winters, Mr. Cecil Ferguson, ex-officio; Mr. Fred Brown, ex-officio; and Mr. Raymond Hage.
- HOUSING**—Dean Bacon, Chairman; Miss Prichard, Miss McDonough, Dean Loemker, and Mr. Murdock.

HISTORY*

Marshall Academy was established in 1837, shortly after the death of Chief Justice John Marshall of the Supreme Court, in whose honor the school was named. Just who launched the movement to establish an academy is lost in time, but in all events John Laidley was one of the leading spirits and brought about the incorporation of the academy and raised the necessary funds to buy the land. On March 13, 1838, the General Assembly of Virginia passed an act making Benjamin Brown, F. G. L. Beuhring, John Laidley, William Buffington, John Samuels, James Gallaher, Richard Brown, Benjamin H. Smith, and George W. Summers, a body politic as the "Trustees of Marshall Academy," to be located in Cabell County.

In June, following the incorporation, James Holderby and wife, who owned the land on which stood an old log house called Mt. Hebron which was used for both school and church, in consideration of forty dollars, conveyed to the trustees of Marshall Academy one and one-fourth acres of land where the log house stood, and put into the deed a provision that the land was to be used only for school purposes. Later, a new four-room building was erected. The first teacher was Mr. John N. Peck and his associate a Mr. Shepherd.

In 1850, the Academy passed under the control of the Methodist Episcopal Church, South. The Academy had progressed with varying degrees of success, had been considerably enlarged, and its patronage was coming in great numbers from Kentucky and Ohio, as well as from the counties of southwestern Virginia, now West Virginia.

In 1858, the General Assembly of Virginia changed the name of the Academy to Marshall College, and the following gentlemen were its trustees: The Reverends Samuel Kelly, Staunton Field, S. K. Vaught, George B. Poage, C. M. Sullivan,

*Wallace, George S., CABELL COUNTY ANNALS AND FAMILIES, 1935.

William Bickers, J. F. Medley, R. A. Claughton, W. H. Foner-ton, S. F. Mallory, and C. J. Warner, and the following laymen: F. G. L. Beuhring, Peter Cline Buffington, C. L. Roffe, J. H. Poage, Dr. G. C. Ricketts, John W. Wright, St. Mark Russell, Dr. P. H. McCullough, H. H. Miller, and T. W. Everett. They were Methodists, and while the College was under immediate control of the Methodist Episcopal Church, South, it was not a denominational school, and the act making it a college prohibited the establishment of a theological school in the institution.

As in the case of all young educational institutions of the day, Marshall Academy and Marshall College experienced from time to time serious financial difficulties.

It was in the midst of such a crisis that in 1867, James H. Ferguson, who represented Cabell County in the Legislature, succeeded in getting a bill passed for the establishment of "the State Normal School at Marshall College in Cabell County." By the act, \$30,000 was to be expended under the direction of the regents. This was to be spent over a period of three years in installments of \$10,000, but with the provision that no part should be expended until the sum of \$10,000 in addition should be raised by local subscription. This provision was satisfied by purchasing the college property, the same being paid for by a County levy. The property was then presented to the State.

To emphasize the fact that Marshall College had become a State institution, upon invitation, the Grand Lodge of Ancient Free and Accepted Masons of the State of West Virginia laid the cornerstone of what was designated as the "State School at Marshall College," June 24, 1869.

It will be seen that Marshall College during its first thirty years had many ups and downs, characteristic of the early development of most institutions of higher learning in this Country. Its history during the Civil War is not clear. Whether or not it actually closed for any period is not definite.

Since 1868, Marshall has had thirteen presidents, an unusually long list for so short a period. Many were men who while in office, or later, were distinguished citizens. Reverend James E. Morrow, father of the late Senator Dwight W. Mor-

row, was president of the College from 1872 until 1873, and was followed by the Honorable James Beauchamp (Champ) Clark, late Senator from Missouri, who served for the year 1873-1874. Dr. Thomas E. Hodges was president from 1886 until 1896, later becoming president of West Virginia University. The late Professor Lawrence J. Corbly was president from 1896 until 1915, and after an absence returned as professor until his death in 1935. Dr. M. P. Shawkey was State Superintendent of School for twelve years prior to his election to the presidency of Marshall, and he served from 1923 until 1935.

Through construction or purchase, a number of attractive buildings now occupy the campus. Most of the substantial buildings have been erected during the last twenty years.

Three new buildings, to be described later, two dormitories and a laboratory school for teachers, were dedicated during the Centennial in 1937, buildings which had been constructed at an approximate cost of \$600,000.

From fewer than 100 students in the nineties, more than 1700 now register each semester, and more than 1300 students enroll in the Summer Session. From a faculty of three or four members a century ago, the teaching staff has grown to considerably more than one hundred.

The College passed through the stages of elementary, secondary, and normal school work, and in February, 1920, the Teachers College was organized with the power to grant degrees, and in 1924 the College of Arts and Sciences was also organized, offering the Bachelor of Arts degree. While cooperating, each college is under its own dean.

In August, 1938, the State Board of Education at the request of the President granted permission to offer the Bachelor of Science (B. S.) degree, and in October of that year permission was given by the Board to offer the degree of Master of Arts (M.A.) and Master of Science (M. S.) at Marshall College in six departments: chemistry, education, history, psychology, political science, and sociology.

LOCATION

Marshall, located in Huntington, West Virginia's largest city, has extraordinary advantages.

First, the College is not far distant from a large number of the State's best high schools, and this makes possible a freshman class of well qualified young men and young women.

Secondly, the growth in industrial enterprise in southern and in southwest West Virginia means constant growth in population and in business and professional opportunities for students who plan to enter one or other of these fields.

Thirdly, excellent railroad facilities and bus accommodations make Marshall accessible from all parts of the State as well as from Ohio and Kentucky. Further, a new airport completed last year in Huntington, permits the landing and taking on of passengers on the American Airline from west to east.

Lastly, Huntington is a city of culture. It is a church going city, where a large number of beautiful churches welcome faculty and students of Marshall College. Its theatres, clubs, hospitals, and its attractive parks add to the advantages of the location of Marshall.

PHYSICAL PLANT

Campus: The campus of Marshall consists of about twenty-five acres, well set with trees, some of which are rare. By the removal of several small buildings and the laying of new walks, the campus compares most favorably with the best college campuses. It is well lighted at night. The bust statue of John Marshall, erected on the campus in front of "Old Main" and unveiled on the final day of the Centennial celebration in 1937, identifies permanently the first place which this distinguished jurist of the United States occupies in the history of Marshall College. John Marshall lived from 1755 until 1835. Marshall Academy began in 1837, and was named in honor of the great Virginian.

Old Main: This, the oldest and largest building, provides for many different services to the College. This building includes the original dormitory for women, the auditorium, social parlors, a great many classrooms, and all administrative offices. The Bookstore and the Cafeteria are comfortably installed in the basement.

Science Hall: The Northcott Science Hall, completed in 1915 and named for one of Huntington's most distinguished citizens, the late Mr. G. A. Northcott, is a three-story structure of modern design devoted to science. It has large, comfortable lecture rooms, and laboratories for physics, chemistry, biology, botany, zoology, geology, fine arts, and home economics.

Physical Education Building: This building, completed in 1921, is in constant service, providing ample facilities for physical education for men and women. It has two swimming pools, one large and two small playing floors, classrooms, and offices for the executives in this department.

Music Hall: While this building was not originally planned for college purposes, it was acquired, remodelled, and enlarged to provide a small auditorium for recitals, practice rooms for recitals, practice rooms for piano and voice students, and it has, in addition, a band room and ten classrooms.

The Library: The James E. Morrow Library, built in 1930, was named for a former president of the institution. It is a handsome building of the Early American type splendidly adapted to its purpose, containing five classrooms, an art display room, offices, stack rooms, and a reading room that will accommodate 300 students. The Library contains 36,000 books and 300 periodicals, besides a large number of reports and documents which are of great value for research purposes. In design, in structural material, and in commodious space for all library purposes, including executives' offices, this building is admirably adapted for a modern library and lends dignity to the entire physical plant.

The Clinic: This is a well lighted and well ventilated building located at 1712 Fifth Avenue, which is readily accessible to the new dormitories. A full-time nurse is employed, and during definite hours the services of a resident physician are available, by appointment at other times.

College Hall: (Women's Dormitory). College Hall is a three story brick building. It is the "old dormitory" and its high ceilinged rooms have the charm that comes with age and tradition. College Hall will house eighty-five women. Within the last few years much has been done to add to the comfort of College Hall. The walls and woodwork have been refinished; the parlor and dining rooms have been done over. The kitchen and bathrooms have been completely modernized. The entire building is steam heated and screened. Rates in College Hall are slightly lower than in Laidley Hall, as the student provides for herself curtains, rugs, desk light, and pillow.

Laidley Hall: (Women's Dormitory). This is a new three-story brick building opened in September 1937. It is of modern fireproof construction, steam heated, and screened. Laidley Hall will house one hundred and fifty girls. It also contains the nurse's suite with a modern two-bed infirmary and diet kitchen. Each student room is furnished in Early American maple furniture and Simmons metal beds. Rugs, lamps, and curtains are provided. In each room there is running hot and cold water, and a separate closet for each student.

NOTE: Students in College and Laidley Halls must provide bed linens, blankets and towels. Additional provisions for College Hall are listed above. Both halls are under the direct supervision of two trained hostesses who have been carefully selected for these positions.

Hodges Hall: (Men's Dormitory). This is a new three-story brick building opened for occupancy in September 1937, and situated at the south east corner of the campus at Eighteenth Street. This building is thoroughly modern and fire-proof. The entire building is heated by steam; all windows

are screened. Hodges Hall contains nineteen bathrooms, thirty suites consisting of one bedroom and study, thirteen suites consisting of two bedrooms and a study, thirty-eight single rooms, one social room, and an apartment and office for the matron in charge. This building is completely furnished with maple furniture. Each bedroom contains a single bed (all beds are metal), mattress, pillow, chest of drawers, mirror, rug, chair, floor lamp, and a sanitary basin with running hot and cold water. Each study is appropriately furnished with desk, chair, etc. The student must provide his own bed linens, blankets, and towels.

The Albert Gallatin Jenkins Training School: The laboratory school completed the latter part of March, 1938, was dedicated and named at the time of the dedication and naming of Laidley and Hodges Halls, (1937). It was named in honor of a distinguished Confederate cavalry officer, a native of Cabell County, General Albert Gallatin Jenkins.

This new laboratory school makes provision for kindergarten, elementary, and high school grades. It is modern in all particulars, and is designed to facilitate teacher training for the College. This building makes possible an enriched program for pupils as well as larger opportunities for and greater convenience of prospective teachers. The building is fully equipped. It cost approximately \$250,000.

Everett Hall: This is a three-story brick building located on Fifth Avenue which provides ample accommodation for twenty-five resident students.

Fairfield Stadium: Marshall is fortunate indeed in being a joint owner with the Park Commission and the Cabell County Board of Education in Fairfield Stadium, splendidly located about eight blocks from the campus. This is a modern structure with concrete seats, accommodating about twelve thousand spectators. When the two ends of the quadrangle are completed, and public discussion indicates that this will be done soon, the seating capacity of the stadium will be approximately twenty-five thousand.

Student Union: Devoted wholly to social life, the Union is the common meeting ground of all the students. The building was erected in 1932 and named in honor of Dr. Morris P. Shawkey, president of the College for twelve years. It is Early American in architectural type. For the convenience of students, a good soda fountain is operated, and other light refreshments are served. It is the home of all college dances.

HEALTH SERVICE

Health service is organized to provide medical service to students of the College, as well as to supervise health conditions on the campus.

A student clinic is maintained in which are located the offices of the physician and nurse. The College Physician is available only for such services as may be rendered at the clinic, except in emergency cases. Students who wish to avail themselves of the health service are expected to call at the office of the physician in the clinic. The nurse is available at the clinic or at the infirmary in Laidley Hall.

A small medical fee provides this service.

MEDICAL EXAMINATIONS

Students entering Marshall must take a medical examination given by the College Physician. It may be taken immediately before or after registration. Applicants for admission must have been successfully vaccinated against small-pox.

THE PSYCHOLOGICAL CLINIC

The Psychological Clinic is open to students for consultation and examination as to intellectual capacity, special abilities, vocational guidance, personality adjustment, speech disorders, reading disabilities, study habits, and other problems of the individual student. Students should avail themselves of this opportunity to adjust their problems early in their

course. All interviews and information strictly confidential. Professor Bowers, Director of the Psychological Clinic. Room 109, Main Building.

GENERAL ADMISSION REQUIREMENTS

(For specific requirements see regulations under Teachers College and under College of Arts and Sciences, respectively.)

Applicants for credential blanks, and all communications in regard to admission should be addressed to the Registrar.

Admission to Marshall may be obtained in three ways: (a) by certificate of graduation from an accredited* secondary school; (b) by a properly certified transcript from a standard university or college; and (c) by examination.

An applicant for admission by certificate must file with the Registrar an official statement of his credits, signed by the proper official of the school or the schools from which he comes, at least fifteen days before the date of registration. The Registrar will notify the applicant as to the acceptance of his credits. All certificates, when filed for credit, become the property of the College.

No student may register by proxy.

Entrance examinations are offered at the beginning of each semester, if demanded. No student is permitted to take an entrance examination in any subject for which he has college credit. All candidates for entrance examination must notify the Registrar at least one week before the examinations are to be taken.

No credit, either high school or college, is allowed for teaching experience.

Students entering from other colleges must meet the entrance requirements of this College, and must have certificates of honorable dismissal from the institution last attended and official statements of credits. A student's statement of credits must show the descriptive title of each course, the year in which the work was done, the number of weeks the course

*Accredited schools are standard four-year high schools or preparatory schools as classified by the Department of Education of the various states, or any of the regional accrediting agencies, such as North Central Association of Colleges and Secondary Schools.

was pursued, and the number of credits allowed thereon. A transcript presented for advanced standing should come directly from the institution issuing it; and, when accepted, it becomes the property of the College. No credit of collegiate grade will be allowed for work done in a high school, except such as comes through the West Virginia State Board of Education from the former Normal Training High Schools. By action of the Board, five-eighths college credit may be allowed for such work.

Examinations for advanced standing must be taken within three months after the opening of the semester. Each candidate for examination must secure a permission card at the Registrar's office at least five days before the date of examination.

An application for a transcript of credit should furnish the date of last attendance at Marshall College, and a married woman should give both her maiden and married names.

A student who defaults in the payment of any College dues forfeits his right to claim a transcript.

Every student at Marshall is entitled to one official transcript of his record free; for each additional copy of his record he will be charged \$1.00.

ASSIGNMENTS, CREDITS AND SPECIAL INFORMATION

1. A student who enters at the beginning of a semester may be assigned as much as sixteen semester hours, seventeen if working for a standard normal certificate, but not more, except by special permission of his dean—and not more than eighteen hours without the permission of the College Council. Two laboratory hours shall count as one semester hour.

2. If a student enters late, the maximum assignment of sixteen semester hours is reduced; and to receive credit for eighteen weeks' work in any subject assigned, he must pass satisfactorily an examination on all the work covered by the class up to the time of his entering. In laboratory subjects

all "make up" work must be done hour for hour in the laboratory.

3. Each regular student shall carry at least twelve semester hours.

4. When a student has received his assignment he can not change it except by permission of his dean.

5. A student who leaves school without giving notice of good cause therefor is allowed no credit for work done that semester. If it is necessary for a student to leave school before the end of the semester, he should see each of his instructors about his work, make a statement of the reason for his going, and satisfy the conditions for getting credit for what has been done.

6. Six hours is the maximum credit allowed for work done during any school year by a teacher in service, regardless of whether the work is done in extension class or in residence.

7. Probation: A regular student failing to pass in as much as nine hours of his load in a semester is automatically placed upon probation. A probation student is limited to a load of twelve hours, upon all of which he must earn passing grades at the end of the semester; otherwise he is ineligible to register in the College the following semester.

Such student may remove his ineligibility for entering the next semester by attending the Summer School, provided required work is offered.

A student whose attendance in any class is unsatisfactory or whose grade continues during the semester to be unsatisfactory may be dropped from that course.

8. *Minimum resident requirements for graduation:* for standard normal diploma, at least one year of work, two-thirds of which must be done in actual residence; for the A. B. or B. S. degree, at least one year's work in residence, one semester of which must be in the senior year. A "year in

residence" must represent not less than thirty-six weeks' work in residence with not less than 24 hours credit.

9. Students in attendance at any State College may be transferred to any other State College, but no student shall be admitted to such school unless he presents a recommendation for admission with an official certificate of his credits earned in the school from which he transfers.

10. Students are subject to the rules and regulations made by the College for their guidance and government; for any failure to comply with such regulations, a student may be suspended or expelled as provided by the Board of Education.

11. Courses 100-199 are primarily for freshmen, open to sophomores unless otherwise stated. Courses 200-299 are primarily for sophomores, open to freshmen and to juniors unless otherwise stated. Courses 300-399 are for juniors and seniors, open to sophomores unless otherwise stated. Courses 400-499 are for seniors, open to other students only upon special permission.

GRADING SYSTEM

The series of grades employed for rating students' work is the following:

A—Honor grade; given for ability and performance of exceptionally high order. Among a representative group of college students work of quality A will generally be found in approximately 7 cases out of a hundred.

B—Good; given for ability and performance distinctly better than average in quality. Among a typical group of college students work of quality B will generally be found in approximately 23 cases out of a hundred.

C—Average; given for ability and performance of medium or average quality. Among a typical group of college students work of quality C will generally be found in approximately 40 cases out of a hundred.

D—Lowest passing grade; given for ability and performance of quality fair to poor. Among a typical group of college students work of quality D will generally be found in approximately 23 cases out of a hundred.

E—Condition; The condition grade indicates work unsatisfactory which if removed cannot be higher than D. Grade of E must be made up within one year.

F—Failure; Among a typical group of college students work of quality F will generally be found in approximately 7 cases out of a hundred. An F may not be removed from the record except on evident error; to receive credit, the work must be repeated in class and successfully passed.

I—Incomplete; signifies that student was unable, on account of illness, or for other equally good reason, to do some of the last exercises of the class work, and that student may be able to earn a grade higher than D by completing the work of the course. I automatically changes to F if work is not completed within one year.

W—Withdrawn from course; can be used only in case student has been officially dropped from course on notice from dean to registrar to instructor, to be accompanied by date of last class attendance; thus, W3-12-39. In case such drop notice is issued later than one calendar month after the date for first class meetings in the semester, the W shall also be accompanied by a grade (in parentheses) to show the quality, of the student's work up to the time of last attendance, as passing, W P, or failing, W F; thus, W (P) 3-12-39 or W (F) 3-12-39. Such grades can be used as part of the student's record for the semester in determining his eligibility for enrollment the following semester.

NOTE: Withdrawals from courses may not be secured after two weeks following the mid-semester period.

For statistical purposes, the numerical equivalents of the several grades are as follows: A, 3 points for each hour of credit; B, 2 points for each hour of credit; C, 1 point for each

hour of credit; D, F, I, no points. Candidates for graduation must have at least as many points as hours to their credit.

HONOR STUDENTS

Candidates for graduation who have achieved special distinction in academic work are so recognized at Commencement by having printed on their diplomas, first, second, or third honors, as follows: summa cum laude (2.85 and above); magna cum laude (2.6 to 2.85); cum laude (2.3 to 2.6). To be so recognized, the candidates must have attended Marshall for the past three years.

THE DEAN'S LIST

Those students who are registered for twelve or more hours and who at the end of the semester receive grades averaging B or above are considered honor students and a list of such students constitutes what is known as the Dean's list.

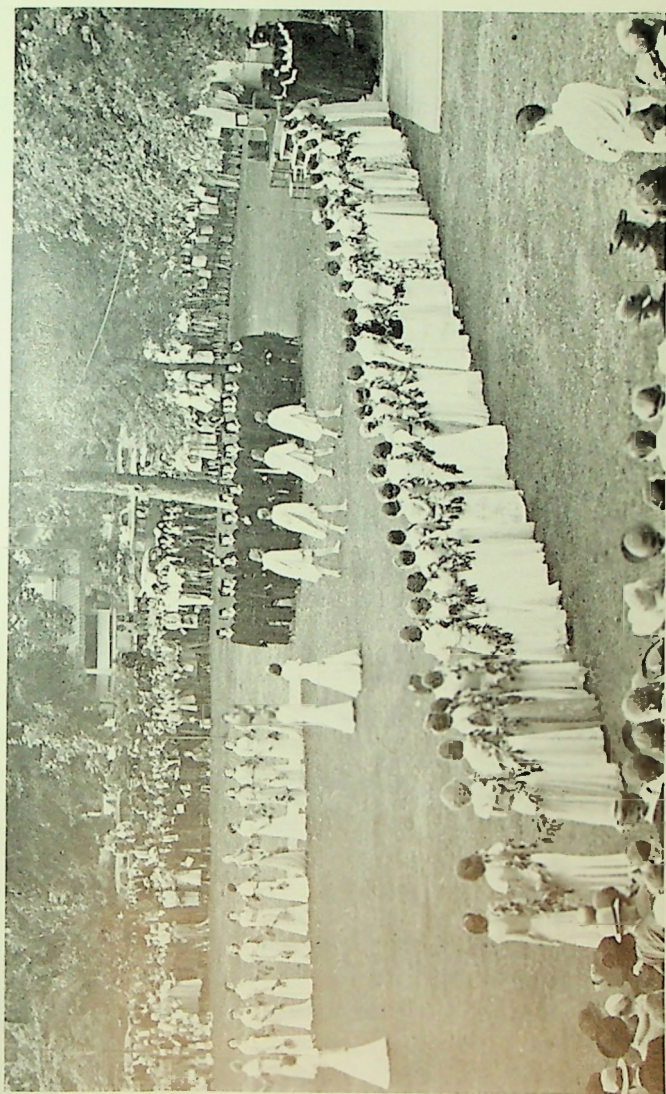
CLASSIFICATION OF STUDENTS

Students who have completed not less than ninety hours of college work are classified as seniors.

Students who have completed not less than fifty-eight hours and not more than eighty-nine hours of college work are classified as juniors.

Students who have completed not less than twenty-six hours and not more than fifty-seven hours of college work are classified as sophomores.

Students who have completed the high school or secondary course and not more than twenty-five hours of college work are classified as freshmen.



SPRING FESTIVAL 1938



EXPENSES

Fees: (Payable by all students)

	For West Virginians Per Semester	For Non-West Virginians Per Semester
Enrollment.....	\$30.00	\$50.00
Medical Fee.....	1.00	1.00
Summer term, nine weeks.....	23.00	23.00
Diploma fee.....	5.00	5.00

All fees are due and payable at the office of the Financial Secretary on the day of registration.

LATE REGISTRATION:

Students who have not paid their fees before the close of office hours on the second Saturday of a semester, shall be dropped from the rolls of the College and their class cards will be withdrawn. If a student wishes to continue in college, he must pay a reinstatement fee of \$2.50.

MUSIC DEPARTMENT

Piano, Head Teacher, per semester.....	\$40.00
Piano, Assistant, per semester.....	36.00
Piano, Class for beginners.....	10.00
Piano, Practice, one hour per day.....	3.00
Voice, per semester.....	50.00

ROOM RENT

WOMEN:

Laidley Hall—

Small doubles, per semester, each student.....	\$36.00
Large doubles, per semester, each student.....	40.00
Singles, per semester.....	45.00
Small double with single occupant, per semester.....	54.00

(All rooms are furnished with running hot and cold water, curtains, rugs, pillows, desk light, and waste basket.)

College Hall—

Double room, per semester, each student.....	\$25.00
Single room, per semester, each student.....	30.00
Small double with single occupant, per semester....	45.00

(Curtains, rugs, pillows, desk light, and waste basket must be furnished by the student.)

Application blanks may be secured through the office of the Dean of Women.

A \$10 deposit is required with all dormitory reservations. When reservation for a room is cancelled \$8.00 will be returned if the cancellation is received in the office of the Dean of Women on or before September 5, 1939, for the first semester; and on or before January 23, 1940, for the second semester. The room deposit will be credited on Board and Room bill. No student may occupy room in the dormitories until the \$10.00 deposit is paid.

Room assignments are made in the order of application.

BOARD

All women students living in the dormitories must take their meals in the College Dining Room.

Board, per semester (if paid quarterly).....	\$85.00
First payment on entrance.....	\$22.00
2d, 3d, 4th, payments due the first of each month, each payment.....	21.00
Board, per semester (if paid in advance).....	81.00

NOTE: To above charges add 2% consumers' tax.

NOTE: No deductions is made in board for short absences (less than one week).

For further information see paragraph "Official Regulations" and "Student Living."

MEN:

Hodges Hall—

Suite of bedroom and study for three students, each, per semester.....	\$34.00
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Suite of two bedrooms and study for four students, each, per semester.....	34.00
Suite of bedroom and study for two students, each, per semester.....	36.00
Suite of bedroom, study, private bath for three students, each, per semester.....	42.00
Single room, per semester.....	42.00
Large single room, per semester.....	45.00

NOTE: The above rental prices are payable at the time of registration, plus 2% consumers' tax.

Application blanks may be secured through the office of the Dean of Men.

A \$10 deposit is required with all reservations for rooms in Hodges Hall. When a reservation is cancelled, \$8.00 will be returned if the cancellation is received in the office of the Dean of Men on or before September 5, 1939, for the first semester; and on or before January 23, 1940, for the second semester. The deposit will be credited on the room bill. No student may occupy room in the dormitory until the \$10 deposit has been paid.

Room assignments are made in the order of application.

An additional deposit of \$5.00 is required from each occupant of a room in Hodges Hall. The fee will be returned at the end of the year if no damage has been done to the room or its furnishings.

BOARD

Good meals at reasonable rates may be obtained in the College Cafeteria, or in private homes at rates as low as twenty dollars a month.

ESTIMATED LOW TOTAL COST

WOMEN:

		Semester
Enrollment	\$30.00	
Medical fee.....	1.00	\$31.00
Room (in College Hall).....		25.00
Room (in Laidley Hall).....		36.00
Board (in College Hall) seven days a week.....		81.00
Books		15.00
<hr/>		
Total for semester for young women with room in		
College Hall.....		\$152.00
with room in Laidley Hall.....		163.00

MEN:

	Semester
Enrollment	\$30.00
Medical fee.....	1.00 \$31.00
Room (in Hodges Hall).....	34.00
Board (estimated).....	99.00
Books	15.00
<hr/>	
Total for semester for men.....	\$179.00

No estimate is made for laundry which is a personal matter for the student, or for other incidentals. Spending money should be provided with care for economy.

LABORATORY FEES:

Fees for materials used in certain courses in Science requiring special materials, ranging from \$1.00 to \$2.00, are payable at the office of the Financial Secretary at the time of enrollment.

Biology 306	\$2.00
Biology 107, 108	2.00
Botany	2.00
Chemistry	2.00
Geology 225, 321.....	2.00
Home Economics 104	1.00
Home Economics 105	1.00
Home Economics 127.....	1.00
Home Economics 202	1.00
Home Economics 203	1.00
Home Economics 227	1.00
Home Economics 301	2.00
Home Economics 304	1.00
Home Economics 329	1.00
Physics	2.00
General Physical Science	1.00
Zoology	2.00

GENERAL INFORMATION

REFUNDING OF FEES:

Fees will be refunded in accordance with the following schedule:

	Amount of Refund
During the first week	All fees
During the second week	75% of fees
During the third and fourth week	50% of fees
After the fourth week	No refund allowed

Refunds will not be allowed unless the withdrawal is regularly made through the office of the Dean, and will be computed from the date such withdrawal is reported to the Dean's office.

ROOM RENT:

1. No refunds will be made except in those cases where a student is "*regularly withdrawn.*"
2. No student will be considered "*regularly withdrawn*" until he (or she) has made proper application and has a withdrawal slip signed by his (or her) dean.
3. No refunds on room rent for the first semester after the Christmas holidays.
4. From the opening of school until October the first, students shall be charged for actual occupancy. The same period of time shall apply at the opening of the second semester.
5. From October the first to the Christmas holidays there shall be a 75% refund of the unused rent provided the cause for withdrawal is "involuntary," and provided that proper application for the refund has been made before the Christmas holidays. The ruling applies also to the second semester.

6. There shall be *no* refunds on voluntary withdrawals at any time.

7. All refunds shall be calculated after the deduction of the \$2.00 reservation fee.

8. Breakage fees shall be refunded on the basis of *breakage* and not dependent on date.

NON-RESIDENT TUITION :

Students who have lived in West Virginia at the time of registration less than one year must pay a non-resident fee of \$20.00 each semester. No non-resident student may establish residence in this State entitling him to exemption of the \$20.00 merely by attendance at Marshall College. A minor student whose parents have established residence in West Virginia after the student's original registration in the College will be considered a resident student. No person or persons other than the parents or a bona fide legal guardian may represent the student in this matter. As other fees, this non-resident fee is payable at registration.

Part-time students, that is those carrying fewer than twelve hours per week, will pay an out-of-State tuition of \$10.00 a semester.

ABSENCES AND WITHDRAWALS

Continued absences without plausible excuse will necessitate withdrawal from the Institution.

Students who voluntarily withdraw from the Institution are requested to notify the dean in writing in advance of withdrawal.

Students regularly in attendance are apt to obtain and to have better rating generally with the faculty and administration. Absences are an expense to the student and a nuisance to the professors.

OFFICIAL REGULATIONS

BY THE STATE BOARD OF CONTROL

Resolution Respecting the Occupancy of a Dormitory at Marshall College

WHEREAS, The West Virginia Board of Control has adopted a resolution dated November 12, 1935, authorizing the construction of a dormitory on the property of the State of West Virginia at Marshall College and the issuance of revenue bonds to finance the cost thereof; and,

WHEREAS, such resolution provides, among other things, that the Board shall establish and enforce, so long as any of the bonds authorized by the aforesaid resolution remain outstanding, such lawful parietal rules and regulations as will insure maximum occupancy of the dormitory; and

WHEREAS, the West Virginia Board of Control desires to carry such provisions into full force and effect.

NOW, THEREFORE, BE IT RESOLVED BY THE WEST VIRGINIA BOARD OF CONTROL—

Section 1. All boarding students enrolled at Marshall College shall occupy the dormitory to the extent that facilities are available and under the supervision of the direction of the President of said College, and no member of the freshman class shall be permitted to live outside the dormitory as long as facilities within the dormitory are available.

Section 2. In the assignment of students to rooms in dormitories, preference shall be given to the dormitory authorized to be constructed by the aforesaid resolution, notwithstanding other dormitory facilities which may be available.

Section 3. The President of the College is hereby authorized and directed to establish and enforce from time to time such other rules and regulations as he shall deem necessary and proper to insure maximum occupancy of the dormitory by the students of the College.

Section 4. The provisions of this resolution shall not apply to students whose parents or legal guardians reside within daily commuting distance of the College or to students above the rank of freshmen residing in sorority or fraternity houses under the supervision of either the Dean of Men or the Dean of Women. The provisions of this resolution shall not apply to working students where the conditions of their employment require residence on the premises.

(Signed)

President West Virginia Board of
Control, Charleston, West Virginia.

BY THE STATE BOARD OF EDUCATION

The State Board of Education so seriously considers the matter of conduct as to request that the following order of the Board be published in the catalogue:

"The regulations of the College shall require from every student decorous, sober, and upright conduct so long as he remains a member of the College student body, whether within the College precincts or anywhere else.

The President and faculty shall have authority to formulate specific regulations for the administration of this provision."

STUDENT LIVING

All breakage of whatever kind, whether of furniture or equipment, is paid for by the occupants of the room in which the breakage occurs.

All correspondence concerning reservations for rooms in womens' dormitories should be addressed to the Dean of Women; for the mens' dormitory to the Dean of Men, Marshall College, Huntington, West Virginia.

All non-resident students not living in the dormitories, sorority houses, or in homes where they work for their room and board, must live in houses approved by the Dean of Women, or Dean of Men, respectively.

Students admitted to Marshall are subject to College authority, which will be courteous but firm.

WOMEN

All non-resident women are required to live in the dormitories with the exception of those listed in the Board Ruling, (page 39). Exceptional cases will be considered by the Dean of Women and the Housing Committee.

Students who do not reside at home must have written permission from home to leave Huntington. One copy of this permission must be filed with the housemother and a second copy in the Dean of Women's office. Students leaving town must record with the housemother their destination.

Women students desiring to change their living quarters must obtain permission from the Dean of Women.

Girls who do not have rooms in the college halls are under the same general regulations as the girls in the halls. They must conform to general rules in force in the college halls.

The objective of the office of the Dean of Women is the general objective of all guidance programs—to assist the student, through her own efforts, to develop to the utmost her individual capacity for growth. The special fields of this office are the problems of student living, housing, guidance in vocational and social choices, and assistance in the student employment program. The office cooperates closely with the offices of the academic deans in scholastic problems and with the student health service in cases of illness.

Marshall College desires to render to its women students the highest type of personal service. In order to develop this program effectively, it is necessary to have the cooperation of both the students and their parents in all such matters as following the simple regulations covering living in registered houses, house rules, registration of Huntington address, telephone number, name of housemother and complete and correct academic schedule in the office of the Dean of Women. No change of living quarters may be made without the knowledge and consent of the Dean.

MEN

Students who live in Hodges Hall will be under the rules established for the government of the dormitory. This building was secured through the aid of the Public Works Administration. It supplies most comfortable and convenient living rooms for young men. Special care is taken that unnecessary damage is reduced to a minimum. The occupants are expected to be gentlemen and to observe scrupulously the simple regulations imposed by the administration.

The office of the Dean of Men is established for the assistance of students in personal matters. The Dean of Men assists students in making their housing arrangements, in finding employment, to some extent in arranging to make up deficiencies in their college work, in deciding their choice of an occupation, in social and organizational affairs within the College, and in other kindred respects. Students are encouraged to consult the Dean of Men concerning problems of this nature.

Any changes of address must be reported to the Dean of Men.

STUDENT EMPLOYMENT

Many students are able to find employment other than N. Y. A. service on the campus or in Huntington. However, it is highly advisable not to depend upon such employment unless actually secured in advance of registration.

Men students expecting to find employment are advised to communicate well in advance with the Dean of Men, and women students with the Dean of Women, stating their qualifications.

NYA ASSISTANCE

Marshall has enjoyed substantial assistance from the program of the Federal government through the NYA. The maximum that any student may receive for work is \$15.00 a month.

Attention is called to the fact that this program involves mutual cooperation. It is designed by the National Youth Administration to aid students financially who could not otherwise attend college. Therefore, applicants must be careful in the matter of common honesty in filling out their applications. The authorities reserve the right to investigate carefully the actual needs of the applicants.

This program of work has enabled young men and young women to enter and remain in college. This service has been offered first to upper-classmen and properly so. One should not have to turn back when he is in mid-stream.

The NYA program has been under the direction of the social deans of the college.

PLACEMENT COMMITTEE

To assist superintendents of schools in securing teachers and to assist others who have need for the services of college-trained men and women, a Placement Committee is maintained. This committee consists of the deans of the College and faculty members who are especially familiar with the work of the students. This committee will cheerfully arrange for personal conferences between candidates for positions and prospective employers, or supply by mail as complete personal data about candidates as may be required.

FRESHMEN DAYS

In order to give freshmen students an opportunity to adjust themselves to their new surroundings, the College sets aside the first two days of the fall semester for their reception and registration. During these days, the freshmen are introduced to the campus and to the facilities provided for their instruction and welfare. Selected upper-classmen, and also members of the faculty, greet the new class and assist them in adapting themselves to college life.

During this period the freshmen are also given the opportunity to confer with deans and advisers about their programs of work.

Freshmen are also advised to consult other college officers, especially the Dean of Men and Dean of Women, during these two days about living accommodations and personal problems.

During freshmen orientation days the new student will:

- a. Make his plans for rooming and boarding.
- b. Take medical examination.
- c. Complete his registration and payment of fees.
- d. Get acquainted with the campus, buildings, recitation rooms, library, and other points of interest.
- e. At nine o'clock, two or more addresses will be given by the deans or other members of the faculty, designed to acquaint students with requirements, and also to introduce them to some of the traditions of Marshall College.
- f. Attend a social gathering in the evening arranged by the Social Activities Committee.

STUDENT ORGANIZATIONS

- Alpha Psi Omega: Dramatic society.
- Art Club.
- Camera Club.
- Chi Beta Phi: Scientific fraternity.
- Chi Beta Phi Sigma: Scientific fraternity for women.
- Classical Association: One year of Latin required for membership.
- College Band.
- College Orchestra.
- Country Life Club.
- D-Rho D-Theta: Honorary Engineering Fraternity.
- Epsilon Delta: Pre-med fraternity.
- Fourth Estate Club: Journalism club for women.
- 4-H Club.
- Home Economics Club.
- Junior Woman's Club.
- International Relations Club.
- Kappa Delta Pi: Honorary educational fraternity.
- Le Cercle Francais.
- Little Symphony Orchestra.
- Marshall Chamber of Commerce.
- Marshall College Junior Engineering Club.
- Madrigal Club: Open to men and women singers.
- Mirabilia: Year Book.
- Mu Tau: For music majors.
- Press Club.

Sociology Club.

Spanish Club: One year of Spanish required for membership.

Student Council: Organization for student government.

The Parthenon: College paper.

Woman's Athletic Association.

Young Men's Christian Association.

Young Women's Christian Association.

Fraternities.

Sororities.

COLLEGE COUNCIL RULING ON ACTIVITIES

In order to encourage students of Marshall College to achieve proficiency in their studies; and

In order to give recognition to students who have worthily achieved;

College Council expresses the belief that only those students whose scholastic average for the preceding semester is satisfactory should be eligible to hold positions of honor and trust in College clubs or student organizations, or should be permitted to represent the College or the student body in any official capacity whatsoever.

Accordingly, the Council directs that:

I. A student be allowed to represent Marshall College in extra-curricular activities if he (or she) meets the following standards:

(1) He (or she) must be a *regular student* of Marshall College as specified in the catalogue: "Each regular student shall carry at least twelve hours a semester."

(2) He (or she) must have passed, the preceding semester, in at least twelve hours of work and have attained a total of at least twelve credit points. (A grade of A counts three credit points an hour, B two, C one, and D none.)

II. Standard (1) shall effect all extra-curricular activities. Standard (2) shall cover all extra-curricular activities, *except* the intra-mural sports program, which is a health program.

NOTE: If lists of organizations affected by these regulations are desired or if more detailed information is needed, consult the social deans or the secretary of the College Council.

OTHER COUNCIL ACTION :

Grades recorded on the registrar's books may not be changed except with the approval of the College Council, and the change must be made in the presence of the deans, the professor, and the registrar of the College.

Petitions to carry extra hours for credit should be presented to the council of the college involved, and not to the general College Council.

The Student Council of Marshall College is required to submit at the end of each semester an itemized account of all moneys received and disbursed by it during the semester.

Any social function, whether given by the active members or by the alumni of any fraternity or sorority, must have the approval of the Student Activities Committee if it is to be attended by the active members.

ALUMNI ASSOCIATION

If one's education is never complete, then the alumni of an institution are the off-campus students. They are still Marshall representatives wherever they are.

The Alumni Association is charged with great responsibility. The fact that Marshall is a State institution in no way lessens the responsibility which an alumnus must assume by virtue of having been a Marshall student. Non-tax supported colleges in this Country rely wholly upon alumni directly and indirectly for their growth. No college can exist without alumni support. In an economic sense the alumni are the sponsors of the institution.

On the other hand the College owes a very definite service to the alumni. The administration must conduct the College in a manner worthy of its traditions and alumni, and

make some advancement each year. First, the College must keep them informed of its progress through certain publications, it must cooperate in the advancement of the alumni by recommendations, etc., when possible; and must provide a "royal good time" to the old grads when they return.

But none of these things can be made possible unless the college first has the loyal, cheerful, and active financial support of the alumni by active membership in the Alumni Association and the regular payment of dues.

SCHOLARSHIPS AND STUDENT LOANS

Marshall College deems it a privilege to be permitted to assist worthy young people in obtaining a coveted education. Through its friends, the College has acquired loan funds which are available to the extent of two or three thousand dollars each year.

Application for loans or scholarships should be addressed to the Scholarship Committee, of which Dr. C. E. Hedrick is chairman. Scholarships are awarded primarily to students who have proved their ability in the classroom. The following scholarships are available for 1939-1940.

Woman's Club Loan Scholarship. This scholarship of \$150 is to be awarded to a student who could not otherwise attend school. Administered by Miss Lucy Prichard.

Huntington Branch, American Association of University Women Loan Scholarship, total amount \$1,000, awarded to girls who cannot otherwise attend college. Administered by Miss Lucy Prichard.

Class of 1889 Fund. The class of 1889 is permitting its class fund of \$225.00 to be used for student loans until it may be increased materially, at which time a more permanent disposition of the fund may be decided upon. Administered by Miss Frances Burgess.

The Junior Department Loan Fund. The Junior Department of the Woman's Club of Huntington contributed \$100

in 1925 as the beginning of a loan fund for students needing temporary aid. Preference will be given to students above freshman standing. Administered by Miss Frances Burgess.

The Osceola Burns Scholarship Loan Fund. This fund was established in 1925 as a memorial to Mrs. Burns by her daughters, Mrs. Jed B. Bibbee, Mrs. Vernon Carter, and Miss Elizabeth Burns, who contributed jointly \$150 as the beginning of a loan fund for worthy students. Administered by Miss Frances Burgess.

The Don Chafin Scholarship Fund. This fund of \$300 was established by Mr. Chafin in 1924 and is loaned to students of promise and ability, preferably from Logan County. Administered by Miss Frances Burgess.

The Mr. and Mrs. James W. Burgess Loan Fund. This fund, established in 1928 by Miss Frances Burgess as a memorial to her parents, is a fund of one thousand dollars to be held in trust for worthy and promising students of junior and senior standing who need temporary financial aid. The fund is to be loaned with interest. Administered by Miss Frances Burgess.

The Lucille Druen Memorial. In honor of their classmate, Lucille Druen, the members of the Home Economics Club of Marshall College of the year 1926 raised a fund of \$725. This money is to be loaned to worthy students at three per cent interest. The income is to be used as a gift scholarship to stimulate the interest of high school students in West Virginia in home economics. Administered by the head of the Home Economics Department.

Square No. 52 Scholarship Loan. A scholarship loan of \$50 is to be awarded by Marshall Square No. 52 of Square and Compass Fraternity to a young man of promise and ability, preferably a senior. This loan is made to mature on the January first next following the borrower's graduation or withdrawal from Marshall College. Interest at four per cent per annum begins to accrue on the first day of the month

next following the time of his graduation or withdrawal from college. Professor W. H. Franklin, Secretary.

Daughters of the American Revolution Loan Scholarship. This scholarship is to be awarded to members of the junior and senior classes in need of financial aid. Administered by the General Committee.

The D. B. Smith Memorial. In honor of her husband, Senator D. B. Smith, a loyal and devoted friend of Marshall College, Mrs. Smith on July 23, 1925, turned over to the College the sum of \$1000 as a memorial fund. This money is to be invested in perpetuity and the income used in assisting worthy students. Administered by the General Committee.

The Paul Morgan Fund. In memory of their son, John Paul Morgan, a student in the pre-medical department of the College, Mr. and Mrs. W. S. Morgan, of Mason County, have given the College \$1000 as a scholarship fund, the income from which is to be awarded annually to some worthy student preparing for the medical profession. Paul Morgan was a noble example of young manhood and an ideal student. Administered by the General Committee.

The Mrs. James Lewis Caldwell Fund. As a memorial to her mother, Mrs. Mary O'Bannon Smith Caldwell, Mrs. Charles Wellington Watts established in June, 1928, a fund of \$400 annually to 1934. This will be used for student loans until it may have materially increased, at which time a more permanent disposition of a portion of it may be decided upon. In the awarding of the loans, preference will be given to junior and senior students who have established high scholastic records. Administered by the General Committee.

The Moina Martha Prator Fund. Dr. Moina Prator, Professor of Geography, who died in July, 1930, provided a bequest of \$1000 which is held in trust and the proceeds are available to worthy girls who require assistance in obtaining a college education. Administered by the General Committee.

Kappa Delta Pi, Phi Chapter. A small loan fund is administered for the benefit of worthy students of Teachers College whose scholastic average for two years is B or better.

A journalism scholarship of \$100.00, the name withheld by request, was given during the past year to that department. It is hoped that this scholarship will be permanently established.

Chi Beta Phi Scientific Association, a national fraternity for men, each year awards a life membership in Chi Beta Phi to the sophomore or freshman in the organization who has the highest average in science. The candidate must be a science major who is working for an A. B. degree in group B, the decision to be made by a committee of four faculty and three fraternity members. Chi Beta Phi Sigma, the sister scientific organization to Chi Beta Phi, offers a similar scholarship award to a woman student with the same qualifications as those listed above.

The Huntington Engineers' Club annually awards a prize to the engineering student whom they judge to be the outstanding in the upper quarter of the sophomore class.

D-Rho D-Theta, Honorary Engineering Fraternity, annually awards an engraved cup to the sophomore engineering student who makes the highest scholastic average during his freshman year.

Professor R. P. Hron awards annually to the student majoring or minoring in physics who makes the highest average grade in his physics course during the year a year's membership in the American Association for the Advancement of Science.

ATHLETICS

Eligibility rules for participation in varsity athletics at Marshall are the same as rules governing all other student activities. (See page 45.) Athletic students becoming ineligible at the close of a semester remain ineligible through the following semester, and may be reinstated for athletic participation provided they fully meet requirements as found in article 1, section 2, Ruling on Activities on page 45 of this catalogue.

Marshall has not been negligent in emphasizing the value of clean athletics. Good athletic teams are not of value only to those who make the team, or join in the practice, but to the entire student body and the faculty as well who enjoy good wholesome sports. In an institution such as Marshall athletics greatly aid in developing and maintaining college spirit for the students and likewise for the faculty. Fairfield Stadium will seat 12,000 people and consequently will very largely aid in solving the financial problem of good athletic programs when every seat is filled at the football games.

Basketball is only second to football as a major sport at Marshall. This team enjoyed three consecutive championships in basketball in the Buckeye Conference.

There should be more, and not less, athletics in our colleges and universities; more, in the sense of engaging a larger number of students in active participation.

INTRA-MURALS

Intra-mural sports have engaged the attention of a large majority of the students at Marshall. During the winter and spring months, ordinarily more than 80% are engaged in some form of extra-mural sport, football, basketball, volley ball, tennis, or hockey.

The intra-mural sports for women are sponsored by the Woman's Athletic Association with seventeen different activities offered in the program, such as tennis, badminton, hockey, basket ball, and baseball. Participation is open to any woman on the campus, and in case the individual needs any help in some particular activity, instruction is offered before actual competition begins.

SPECIAL CAMPUS ACTIVITIES

ASSEMBLY

A general assembly of faculty and students is convened in the College auditorium at stated periods. A part of the

hour is given to devotional exercises, and the remainder to addresses or other educational programs. This is the one opportunity for a mass assembly of the faculty and student body, and both groups are expected to attend these meetings.

RELIGIOUS LIFE

The religious life of the students is largely entrusted to the many well organized churches in Huntington. Devotional exercise is held at the assemblies and other ample opportunities for students are provided in association with the young peoples' organizations in the churches. In addition, the Christian Alliance of Men and Women, meeting weekly for an hour session, has been very helpful in the spiritual life of the College.

To the above agencies for religious development, the Y. W. C. A. contributes a most wholesome influence.

MADRIGAL CLUB AND BAND

Under the leadership of Professor Harry Mueller, the Madrigal Club is a popular organization on the campus and is frequently invited to sing on programs not connected with the College.

The band is another popular organization performing on most public occasions, and especially at football and basketball games. This organization too is frequently called upon to render public service in and away from Huntington.

BROADCASTING PROGRAMS

By arrangement with Station WSAZ Marshall has been on the air daily for several months. The sub-station was located in the auditorium of the College. Under the direction of a committee headed by Dr. Gilbert, programs were prepared and broadcasted by faculty and students.

Among the subjects of the many broadcasts the following may be mentioned: Little Known Biological Facts, by Dr. Gilbert; Everyday English, by Mr. Ogden; West Virginia 250 Million Years Ago, by Dr. Chapman; Why Government, by Dr. Dillon; Facts and Fallacies in Physical Science, by Mr. Dove; Some Heroes of Peace, by Dr. Hedrick; Teacher-Pupil Relationship by Dr. Bowers; What's in An Education, by Mr. Shouse; Journalism, by Mr. Pitt; Art Education, by Mr. Jablonski; A Plan for Living, by Miss Flower; etc.

THE MARSHALL ARTISTS' SERIES COMMITTEE

The Marshall Artists' Series Committee has been very successful in bringing to the College campus, and to the city of Huntington as well, the very best talent on the American platform. Those who appeared on the program during the current year were: Countess Skariatina, the Don Cossack Male Chorus, Edna St. Vincent Millay, Elissa Landi, William Lyon Phelps, Upton Close, Edward Howard Griggs, Boake Carter, and Burton Holmes.

THE MUSEUM

The Museum is located on the first floor of Morrow Library where exhibits of the work of students and faculty members are placed on display from time to time. In addition, during the past year interesting collections have been on exhibition for a week at a time under the direction of Professor J. S. Jablonski. They included:

Reproductions of Paintings from the Carnegie Collection.....	August
Mexican Crafts.....	December
American Photographs.....	January
Prints by British Wood Engravers.....	March
Development of Portrait Painting.....	April
Student Work.....	May
Photographs by Mr. Leonard Missonne of Brussels	June

PUBLICATIONS OF THE COLLEGE

The College issues six bulletins annually, the annual catalogue in April, the Summer bulletin with announcements of courses and tentative faculty in February, and the Alumni bulletin in August, October, December, and June.

With the cooperation of the College, but not by the College, beginning in the Centennial year (1937), a magazine entitled *The Marshall Review* was first published, containing articles of academic and research nature by the faculty. It is widely distributed among colleges and universities.

Following the Centennial year, in 1938, one issue of the Review was given over to the President and the Centennial committee who published the volume "One Hundred Years of Marshall College," a record of the celebration with the addresses of the week and some thirty photographs.

The Parthenon is a semi-weekly news publication of the students, issued under the direction of the department of Journalism.

The Student Directory is published each fall by the Home Economics department of the College.

LIBRARY GIFT ACCESSIONS

During the past year gift volumes have been contributed by the following individuals or groups to the Morrow Library. Many of these volumes are of great value for departmental work.

R. L. Archer.....	11 volumes
Second Novel Group of the American Association of University Women.....	19 volumes
Mrs. R. I. Roudebush.....	20 volumes
Miss Katherine Wehler.....	3 volumes
Smoot Advertising Company.....	3 volumes
Miss Mary Helen Steele.....	5 volumes
L. B. Murdock.....	18 volumes

Gus F. Walker.....	2 volumes
Morning Book Club.....	3 volumes
L. A. Wolfard.....	4 volumes
R. W. Beardslee.....	1 volume
William Lyon Phelps.....	66 volumes
Miss Mary Ann Williamson.....	6 volumes
Miss Lilian Hackney.....	6 volumes
Samuel Samson.....	4 volumes
Miss Ruth Jane Whitman.....	1 volume
J. B. Shouse.....	1 volume

In addition, the Engineering Department received for its library over one hundred volumes of technical material from Mr. C. M. Binford of the State Road Commission.

STUDENT GOVERNMENT

In a large measure the students of Marshall College govern themselves. It is a tradition on the campus that students are to conduct themselves as ladies and gentlemen. To maintain this tradition and to provide the machinery necessary for handling the business and social affairs of the student body, a system of student government was set up a few years ago. From year to year the organization has been perfected in its functions until now it exercises a large degree of control over student affairs. The system not only works to the advantage of the College, but its operation affords students an excellent opportunity for study of citizenship and government.

Successful student government requires large responsibility on the part of the students and a willingness to exercise this responsibility promptly. On the other hand, successful student government requires cooperation from all students and a willingness to submit without undue complaint to the rules of the official body.

In electing representative students for the Council, apparent competency for the position should be the sole reason for the suffrage of the students.

THE SUMMER SESSION

Brief mention should be made in this catalogue of the Summer Session at Marshall, organized into a term of nine weeks and followed by an intersession of three weeks. The summer school faculty is composed in the main of the regular teaching staff.

The American college summer school had its origin to supply an opportunity for further study for teachers. It has become an established part of the regular work. Four sessions of nine weeks are credited as equal to a regular session of thirty-six weeks. Many teachers and others have obtained their undergraduate and graduate degrees largely through summer school work.

THE TEACHERS COLLEGE

PURPOSE OF TEACHERS COLLEGE COURSES

Teachers College has for its purpose the education and the training of prospective teachers. For many years the College has held a prominent place in raising the standards of teaching in the State. Every year hundreds of teachers earn higher grades of certificates by attending Teachers College and earning required credits. Courses are offered in the academic year and in the summer sessions that are in line with state requirements for teachers' certificates.

From time to time the State Board of Education revises certificate requirements whereupon the College promptly re-adjusts its course offerings. At this time there are two plans for elementary teachers and two for secondary teachers:

(a) Certification requirements adopted in 1934 and published in "Teacher Training Bulletin No. 7". They are now referred to as old requirements.

(b) Certification requirements adopted in 1938 and published in "Certification of Teachers, Bulletin No. 1". These are now the new requirements, and are effective after August, 1940.

Teachers may pursue curricula as follows:

(1) The four-year elementary curriculum leading to the A. B. degree and the Collegiate Elementary Certificate. Sixty-eight specific hours of this curriculum, under the old requirements, satisfy for the Standard Normal Certificate. Sixty-four specified hours under the new requirements satisfy for the Standard Normal Certificate. Both the old and the new requirements are listed on pages following.

(2) The four-year secondary curriculum leading to the A. B. degree and the First Class High School Certificate. The prospective high school teacher selects two or three teaching fields. The new and the old requirements parallel each other reasonably close. See pages following for specific courses, teaching fields and general requirements.

WHAT STUDENTS REGISTER IN TEACHERS COLLEGE

Those students who desire to qualify for a teachers' certificate, issued by the State Department of Education, on the basis of college credits, register in Teachers College.

Students registered in Teachers College pursue one of the curricula outlined on the following pages, under the general guidance of the dean.

Subject matter courses needed by Teachers College students, and not offered in Teachers College, will be taken from the schedule of the College of Arts and Sciences.

College of Arts and Sciences students will be admitted to courses on the Teachers College schedule, but they will be limited to a maximum of eight hours in education courses, and certain courses are open to Teachers College students only.

ENTRANCE REQUIREMENTS

By regulation of the State Board of Education any graduate of a first class high school in West Virginia, with credits as required in any one of the curricula provided for high schools, may enter upon a teacher training curriculum. A student with 15 units of credit applicable upon one of the high school curricula may be admitted conditionally, but not more than 32 semester hours of college credit may be taken before the requirements for high school graduation have been met in full.

DEGREE AND DIPLOMAS

The Baccalaureate degree is conferred and the diploma awarded to Teachers College students who have completed

one of the four-year curricula, and have met all requirements as to honor points and residence. It is expected of students transferring from other colleges that they earn the major amount of credits in Education including their courses in directed teaching in Teachers College.

The completion of any of the four-year curricula automatically carries with it completion of requirements for the appropriate five-year teacher's certificate. Early selection of a definite professional plan, and adherence to that plan, is urged upon prospective teachers.

STUDENT TEACHING

Teachers who are certified through Marshall College are expected to do their student teaching and the major amount of their professional work at Marshall. If the courses in student teaching are done elsewhere, arrangements should be made in advance for such privilege.

The Campus Laboratory School offers exceptional advantages for student teaching. The critic teachers, all expert in their work, are ever ready to help the novice grow toward teaching efficiency. In this laboratory school are all the elementary grades including a kindergarten and also a standard six-year high school.

FOUR-YEAR CURRICULUM FOR ELEMENTARY TEACHERS*

Leading to the A. B. degree and to the Collegiate Elementary Certificate. Forty-eight hours must be taken in courses of the 300 and 400 series. Average of C required. One hundred twenty-eight hours required for graduation.

STANDARD NORMAL CURRICULUM

Made up of the first 68 hours of this four-year elementary curriculum.

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
I. ENGLISH			10
1. Eng. 103, English Composition.....		5	
2. Eng. 203, Children's Literature.....		2	
3. Select from following.....		3	
Eng. 208, English Literature.....	3		
Eng. 223, American Literature.....	3		
Speech 101 or 102, Practical Public Speaking	3		
II. SOCIAL STUDIES			15
1. History		6	
Hist. 231, American Hist. to 1852.....	3		
Hist. 232, American Hist. since 1852.....	3		
2. Government		3	
Pol. Sci. 201, American Natl. Govt.....	3		
Pol. Sci. 202, American State Govt.....	3		
3. Geog. 100, Principles of Geography.....		3	
4. Select from following.....		3	
Geog. 203, General Economic Geog.....	3		
Geog. 205, North America.....	3		
Geog. 206, West Virginia.....	3		
Geog. 302, Europe	3		

*These requirements for standard normal and collegiate elementary certificates are for those students who will complete their work by August, 1940. All other students preparing to teach in elementary schools follow new requirements, listed on pages 63-65, this catalogue.

III. SCIENCE		6
1. Biol. 101, Nature Study.....	3	
2. Biol. 107, General Biology.....	3	
IV. EDUCATION		20
1. Ed. 105, Educational Psychology	3	
2. Ed. 150 or 151, Principles of Learning and Teaching Elementary School Sub- jects (Ed. 105 must precede)	5	
3. Ed. 232, School Organization and Man- agement	2	
4. Ed. 250 or 251, Supervised Student Teaching (Ed. 150 or 151 must precede or accompany)	5	
5. Select from following	5	
Ed. 215, Kindergarten—Primary Edu- cation	2	
Ed. 230, Measurement of Achievement ..	2	
Ed. 303, Problems of Child Adjustment ..	3	
Ed. 315, History of Modern Education ..	3	
V. HEALTH AND PHYSICAL EDUCATION		6
1. Physical. Ed. 101, 102, 203, 204	4	
2. Phys. Ed. 221, Health Education	2	
VI. MUSIC		4
1. Music 100, Introduction to Music	2	
2. Music 270, Public School Music	2	
VII. ART		4
1. Art 100, Introduction to Art	2	
2. Art 205 or 206, Public School Art	2	
VIII. ACADEMIC ELECTIVES		3
Total		68

Average of C is required for any certificate or diploma.

For First Grade Temporary Certificate: Eng. 103; one of the other courses under I; Hist. 231 or 232; Pol. Sci. 201 or 202; Geog. 100; Biol. 101 or 107; Ed. 105; Ed. 150 or 151; Ed. 232 and at least 2 more hours in Education; 3 hours of Phys. Ed.; Mus. 100; Art 100; other courses in the list to total 48 hours.

LAST TWO YEARS OF FOUR YEAR CURRICULUM FOR
ELEMENTARY TEACHERS

Completion of all present requirements for standard normal is pre-
supposed. Leads to A. B. degree with collegiate elementary certificate.

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
I. ENGLISH			10
1. Select from following		5 or 6	
Eng. 223, American Literature—or 316, Contemporary Writers, English and American	3 or 2		
Eng. 325, Shakespeare	3		
Eng. 403, Lyric Poetry, English and American	2		
Library Science 301	2		
Speech 306	3		
2. Select from following		2	
Eng. 215, Exposition	2		
Journalism 327, Journalistic English	2		
3. Select from following		3 or 2	
Library Science 301	2		
Speech 306	3		
II. SOCIAL STUDIES			12
1. Select from following		3	
Pol. Sci. 201, American Natl. Govt.	3		
Pol. Sci. 202, American State Govt.	3		
2. Select from following		3	
Geog. 203, Economic Geography	3		
Geog. 205, North America	3		
Geog. 206, West Virginia	3		
Geog. 302, Europe	3		
Geog. 405, World Political Geog.	3		
History 207, West Virginia	3		
3. Sociology 201, Outlines		3	
4. Economics 340, Principles		3	
III. BIOLOGY		3	
IV. EDUCATION			10 to 16
1. Ed. 332, Administration of Elementary School	3		
2. Ed. 331, Supervision of Elementary School	2		
3. Select from following		5 to 11	
Ed. 305, Educational Sociology	2		

Ed. 318, Mental Measurements 2

Ed. 460, Philosophy of Ed. 2

V. Electives to make 128 hours.

Average of C is required for degree, as well as for any kind of teacher's certificate granted. *Forty-eight hours must be taken in 300 and 400 courses.*

GENERAL AND PROFESSIONAL REQUIREMENTS FOR ELEMENTARY CERTIFICATES

Effective for students entering Marshall College in September, 1938, and thereafter; required for students graduating after August, 1940, or completing the standard normal work after that time.

	<i>A. B. Degree</i>	
	<i>and</i>	
	<i>Collegiate</i>	<i>Standard</i>
	<i>Elementary</i>	<i>Normal</i>
	<i>Sem. Hrs.</i>	<i>Sem. Hrs.</i>
ENGLISH:		
Eng. 103, English Composition	5	5
Speech 305, Elements of Public Address	2	
Eng. 203, Children's Literature	2	2
Electives	3	
Eng. 223, Survey of American Literature, or		
Eng. 208, Survey of English Literature		3
Lib. Sci. 301, How to Use a Library, 2 hrs.		
Eng. 215, Exposition, 2 hrs.		
Literature in 300-400 series.		
Minimum Hours Required	15	10
SOCIAL STUDIES:		
Hist. 231-232, American History and Government (1492-present)	6	6
Soc. St. 103, West Virginia History, Government and Geography	3	3
Economics 340, Principles of Economics.....	3	3
Sociology 300, Outlines of Sociology	3	
Geography 100, Principles of Geography, 3 hrs.	3	3
Geog. 205, Economic Geography of North America, 3 hrs.		
Geog. 320, Conservation of Natural Resources, 3 hrs.		

Minimum Hours Required	18	15
SCIENCE:		
Biol. 107, General Biology	3	3
Biol. 109, General Physical Science	3	3
Phys. Ed. 221, Health Education	2	2
Mathematics 100, Practical Arithmetic	2	2
Electives	3	
Biol. 306, Field Biology, 4 hrs.		
Minimum Hours Required	13	10
MUSIC:		
Music 100, Introduction to Music	2	2
Music 270, Public School Music Methods (Grades 1-6)	2	2
Music 350, Methods of Teaching Music Appreciation (Grades 1-8)	2	2
Minimum Hours Required	6	6
ART:		
Art 100, Introduction to Art	2	2
Art 205, Public School Art (Grades 1-6)	2	2
Art 300, Arts and Crafts for the Elementary School	2	
Minimum Hours Required	6	4
PHYSICAL EDUCATION:		
Phys. Ed. 101-102, General Course	2	2
Phys. Ed. 203-204, Physical Education for Elementary Schools	2	2
Minimum Hours Required	4	4
EDUCATION:		
105, Educational Psychology	3	3
150, Principles of Learning, Teaching and Management (Grades 1-6)	5	3
250, Directed Teaching (Grades 1-6)	5	3
233, The West Virginia School System	2	2
Electives	5 to 9	2
415, History of Education	3 hrs.	
460, Philosophy of Education	3 hrs.	
405, Educational Sociology	2 hrs.	
215, Kindergarten-Primary Education	2 hrs.	
230, Tests and Measurements	2 hrs.	
303, Psychology of Child Adjustment	3 hrs.	
Minimum Hours Required	20	13
Maximum Hours Permitted	24	15

GENERAL ELECTIVES	46	2
Total required for certificate	128	64

(Bachelor's
degree.)

(At least 48 semester hours of the total required for the A. B. degree and first class collegiate elementary certificate shall be in the 300-400 courses.)

FOUR-YEAR CURRICULA FOR HIGH SCHOOL TEACHERS

Leading to A. B. degree with first class high school teachers certificate in two fields. Forty-eight hours must be taken in courses of the 300 and 400 series. Average of C required; average of C required in each teaching field, and in Education. One hundred and twenty-eight hours required for graduation.

I. GENERAL REQUIREMENTS FOR ALL HIGH SCHOOL TEACHERS*

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
1. ENGLISH			10
English 103, English Composition		5	
English 208, English Literature**.....		3	
Speech		2	
2. SOCIAL STUDIES			15
History (Teachers College courses)		3	
Political Science		3	
Sociology		3	
Economics (340 for those who take only 3 hrs.)		3	
History or Political Science or Sociology or Economics		3	
3. SCIENCE			6
Biology 107-108, General Biology		6	
or			
Botany, any courses		6	
or			
Chemistry, any courses		6	
or			
Geology, any courses		6	
or			
Physics, any courses		6	
or			
Zoology, any courses		6	

*These requirements for certificates are for those students who will graduate by August, 1940. All other students preparing to teach in high school follow new requirements, listed on pages 75-86, this catalogue.

**Not for English majors.

4. PHYSICAL EDUCATION		6
Phys. Ed. 101-102, General Courses.....	2	
Phys. Ed. 221, Health Education	2	
Phys. Ed. 311-312, Physical Education for Secondary Schools	2	
5. EDUCATION		20
a. Required courses	15	
Ed. 301, Educational Psychology	3	
Ed. 310, Principles of Teaching in Sec- ondary Schools	3	
Ed. 320, Materials and Methods in One Teaching Field	2	
Ed. 402, Psychology of High School Subjects	2	
Ed. 430, Measurements of Achievement in Secondary Schools	2	
Ed. 450, Supervised Student Teaching in Secondary Schools	3	
b. Select from following	5	
Ed. 405, Educational Sociology	2	
Ed. 415, History of Modern Education	3	
Ed. 320 (in second subject)	2	
Ed. 420, Secondary School Curricula	3	
Ed. 440, Secondary School Organiza- tion	3	
Ed. 450 (in second subject)	2	
Ed. 460, Philosophy of Education	2	
6. Preparation for Directing Co-Curricu- lar Activities	2	
Such courses as Geography 206, His- tory 207, Journalism 328, Music 265, 266, 465, 466, 490, Physical Educa- tion 307 and 308 or 450, Speech 313.		

II. SPECIAL REQUIREMENTS FOR THE SEVERAL TEACHING FIELDS—TWO TO BE SELECTED

A. FOR TEACHERS OF ART

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>
ART: Total requirement		29
1. Art 101-102, Drawing	6	
2. Art 103. Theory of Color and Design	3	

3. Art 200-201, Constructive Design	4
4. Art 202, Lettering	1
5. Art 212, Art and Nature Appreciation	2
6. Art 305-306, Applied Design	6
7. Art 401-402, History of Art	4
8. Art 406, Figure Drawing	3

NOTE: Students combining home economics with art as teaching subjects, and following the requirements listed for home economics, may eliminate Art 200, 201, 305, 306 from the above list. No other art student may substitute home economics courses for art courses.

B. FOR TEACHERS OF BIOLOGY

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
BIOLOGY: Total requirement			24
1. Required courses		18	
Biol. 107-108, General Biology	6		
Biol. 306, Field Biology	4		
Botany 204, Cryptogamic Botany	4		
Zoology 206, Comparative Vertebrate Anatomy	4		
2. Select from following		6	
Botany	3		
Zoology	3		
CHEMISTRY 101-102, General Chemistry			8

NOTE: The student preparing to teach biology has automatically satisfied the science items and general requirements for all high school teachers, and biology item in physical science list.

C. FOR TEACHERS OF COMMERCE

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
COMMERCE: Total requirement			32
Select from following:			
1. Accounting		4 to 8	
Com. 215-216, Elementary Accounting ..	6		
2. Stenography		6	
Com. 201, Principles of Shorthand	4		
Com. 202, Dictation	4		
Com. 302, Advanced Shorthand	3		
3. Secretarial Training and Office Practice		5	
Com. 404, Secretarial Training	3		

Com. 405, Office Practice	2	
4. Commercial Law		2 to 4
Com. 205, Commercial Law	3	
Com. 206, Law of Contract	2	
Com. 207, Law of Property	2	
7. Sales Management		2 to 4
Com. 231, Principles of Selling	2	
8. Mathematics of Investment or Ad- vanced Accounting		2 to 3
Com. 311, Advanced Accounting	3	
9. Marketing		2 to 4
Com. 340, Principles of Marketing	3	
10. Advertising		2 to 3
Com. 330, Principles of Advertising	3	
11. Economics		2 to 6
Ec. 241-242, Principles of Economics	6	
Ec. 340, Principles of Economics	3	

NOTE: Economics courses taken in this connection apply on the items of economics in general requirements for all high school teachers, and for social studies teachers.

D. FOR TEACHERS OF ENGLISH

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
ENGLISH: Total requirements			34
1. English Language and Composition		10	
Eng. 103, English Composition	5		
Eng. 215, Exposition	2		
Eng. 405, Study of English Language	3		
2. Literature		18	
Eng. 223, American Literature	3		
Eng. 233, English Prose and Poetry (1800-1892)	3		
Eng. 234, English Prose and Poetry (1660-1800)	3		
Eng. 316, Contemporary Writers	2		
Eng. 325, Shakespeare	3		
Eng. 335, Literature of the Renais- sance and Reformation in England (1500-1660)	2		
Eng. 436, First Ten Centuries in Eng-			

lish Literature	2	
3. Special Activities		6
a. Required	4	
Journ. 327, Journalistic		
English	2	
Speech	2	
b. Select from following	2	
Journalism	2	
Library Science	2	
Speech	2	

NOTE: The student preparing to teach English has automatically included the English items in general requirements for all high school teachers.

E. FOR TEACHERS OF FRENCH

NOTE 1: Spanish and German teaching fields are available on equal rank with French and Latin.

NOTE 2: Student who has had no high school French starts with French 121 and must earn 30 hours; student who has had one unit of high school French starts with French 122 and must earn 25 hours.

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
FRENCH: Select from following			20
1. French 223, Modern French Fiction		3	
2. French 224, Modern French Drama		3	
3. French 357, Explication des Textes		3	
4. French 251-252, Advanced Grammar only		3	
5. French 327-328, 17th Century Literature		6	
6. French 351-352, Phonetics and Oral			
French		4	
7. From following		6	
French 425-426, 18th Century Literature	6		
French 437-438, Romantic Drama	6		
8. French 355, French Civilization (in			
French)		2	

F. FOR TEACHERS OF HOME ECONOMICS

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
CHEMISTRY 101-102, General Chemistry			8
HOME ECONOMICS: Total requirement			36
1. Foods and Nutrition		10	
Home Ec. 202, Food Selection and Prep-			

aration	3		
Home Ec. 203, Economic Uses of Food ..	3		
Home Ec. 301, Dietetics	4		
2. Textiles and Clothing		8	
Home Ec. 127, Textiles and Clothing	2		
Home Ec. 227, Clothing Selection	3		
Home Ec. 329, Clothing Construction	3		
3. Applied Art: select from following		8 to 10	
Home Ec. 104, Applied Art	2		
Home Ec. 240, History of Costume	2		
Home Ec. 354, Home Decoration	2		
Home Ec. 351, Home Architecture	2		
4. Home Management; select from following		6 to 8	
Home Ec. 358, Economics of Household ..	3		
Home Ec. 420, Mechanics of Household ..	3		
5. Child Care and Development		2 to 5	
Home Ec. 303, Child Care	3		

NOTE: The chemistry requirement above automatically covers the science item in general requirements for all high school teachers.

G. FOR TEACHERS OF LATIN

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
LATIN: Select from following			20
1. Latin 203, Cicero's Orations	3		
2. Latin 214 or 215, Vergil's Aeneid	3		
3. Latin 403, Roman Stage	3		
4. Latin 328, Advanced Prose Composition ..	2		
5. Latin 204, Selections from Cicero and Sallust	3		
6. Latin 307, Cicero's Letters	3		
7. Latin 309, Livy	3		
8. Latin 306, Horace	3		

NOTE: The student who has had no Latin in high school takes Latin 111-112 to start with and earns 30 hours; if he has had one unit only, he starts with Latin 112 and earns 25 hours.

H. FOR TEACHERS OF MATHEMATICS

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
MATHEMATICS: Select from following*			16
2. Math. 121, Solid Geometry	3		

*It is assumed that the prospective teacher of mathematics took $1\frac{1}{2}$ units of algebra and 1 unit of plane geometry in high school. The student who had only 1 unit in high school algebra will take Math. 120 in addition. The student who had solid geometry in high school need not take Math. 121.

3. Math. 223, College Algebra	3
4. Math. 122, Trigonometry	3
6. Math. 224, Analytic Geometry	only 3
8. Math. 325-326, Calculus	only 6
10. Math. 435, Differential Equations	3

I. FOR LIBRARY WORK

(as third subject on certificate)

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
LIBRARY SCIENCE: Total requirement			8
Lib. Sci. 401, Organization and Administration		2	
Lib. Sci. 402, Reference Work		2	
Lib. Sci. 403, Cataloguing and Classification		2	
Lib. Sci. 404, Book Selection		2	

J. FOR TEACHERS OF MUSIC

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
MUSIC: Total requirement			36
1. Music 115, Sight Reading		3	
2. Music 116, Ear Training		3	
3. Select from following		5	
Music 262, 462, Band and Orchestral Instruments	1 to 4		
Music 265-266, 465-466, Band	2 to 4		
4. Music 222-223, History and Appreciation of Music		6	
5. Music 120, Harmony		2	
6. Select from following		6	
Music 312-313, Voice Training	4		
Music 207, 407	2		
7. Select from following		6	
Music 280-281, Piano Training	4		
Music 403	2		
8. Select from following		5	
Music 121, 301, 302, 360, 371, 381, 460, 490.			

NOTE: If, in addition to the above requirements of 36 hours, the student takes Music 338, Materials and Methods in Public School Music (Grades 1-6)—4 hours, permission will be given to teach music in elementary schools.

K. FOR TEACHERS OF PHYSICAL EDUCATION

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
PHYSICAL EDUCATION: Total requirement			30
Required courses for both men and women		13	
1. Phys. Ed. 221, Health Education	2		
2. Phys. Ed. 450, Playground and Community Recreation	2		
4. Phys. Ed. 321, Kinesiology	3		
5. Phys. Ed. 440, Physiology of Exercise	3		
6. Phys. Ed. 322, Individual Gymnastics	3		
Differentiated courses for men and women:		<i>Men</i>	<i>Women</i>
7. Phys. Ed. 103, Football		1	0
8. Phys. Ed. 110, Basketball		1	1
9. Phys. Ed. 109, Track		1	$\frac{1}{2}$
10. Phys. Ed. 111, Baseball		1	$\frac{1}{2}$
11. Phys. Ed. 306, Tumbling		1	1
12. Phys. Ed. 307, Scouting		1	1
13. Phys. Ed. 308, Camping and Hiking		1	1
14. Phys. Ed. 208, Games		1	1
15. Phys. Ed. 422, Athletic Training, etc.		1	1
16. Phys. Ed. 206, Soccer and Speedball		1	1
17. Phys. Ed. 104, Marching and Calisthenics		1	1
18. Phys. Ed. 421, Advanced Practice: Football, Basketball, Officiating	2		1
19. Phys. Ed. 405, Folk Dancing and Clogging	1		1
20. Phys. Ed. 310, Postural Gymnastics	1		1
21. Phys. Ed. 108, Fieldball and Hockey	0		1
22. Phys. Ed. 207, Archery and Tennis	1		1
23. Phys. Ed. 304, Natural Dancing	0		1
24. Phys. Ed. 205 and 403, Aquatic Sports	2		2
		18	17

NOTE: Men may omit any one hour from the list of differentiated courses.

L. FOR TEACHERS OF PHYSICAL AND GENERAL SCIENCE

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
BIOLOGY (general Biology, or divided equally between Botany and Zoology)			8
GEOLOGY			3

PHYSICAL SCIENCE		28
Chemistry: Select from following		16
Chem. 101-102, General Chemistry	8	
Chem. 203, Qualitative Analysis	4	
Chem. 204, Quantitative Analysis	4	
Chem. 301, Organic Chemistry	4	
Physics: Select from following		12
Physics 201, 202, 203, 204	8 or 10	
Other Physics courses	4 or 2	

NOTE: The student taking the above list automatically satisfies the science item in general requirements for all high school teachers; if he combines this field with biology, the chemistry item in requirements for biology teachers is automatically satisfied.

M. FOR TEACHERS OF SOCIAL STUDIES

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
SOCIAL STUDIES: Total requirement			40
1. History		18	
History 221-222, Modern European History	6		
History 207, West Virginia	3		
History 311, 312, 431, American History	9		
2. Political Science		6	
Pol. Sci. 201, American National Govt.	3		
Pol. Sci. 202, American State Govt.	3		
3. Economics		6	
Econ. 241-242, Principles of Economics ..	6		
4. Sociology		4	
Sociology 300, Outlines of Sociology	3		
Any other course in Sociology	1		
5. Geography: Select from following		6	
Geog. 203, General Economic Geography ..	3		
Geog. 401, Historical Geography	3		
Geog. 405, World Political Geography	3		

NOTE: The student who follows the above list automatically satisfies the social studies items in the general requirements for all high school teachers.

4-YEAR CURRICULA FOR HIGH SCHOOL TEACHERS

Effective for students entering Marshall College in September, 1938, and thereafter; required for students graduating after August, 1940.

Leading to A. B. degree with first class high school teachers' certificate in two or three fields. *Forty-eight* hours must be taken in courses of the 300 and 400 series. Average of C required; average of C required in each teaching field, and in Education. One hundred twenty-eight hours for graduation.

I. GENERAL REQUIREMENTS FOR ALL HIGH SCHOOL TEACHERS

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
1. English			10
English 103, English Composition		5	
English (literature) to be selected from courses in Teachers College		3	
Speech		2	
2. Social Studies			12
History (311, 312, 431, 308, 309)			
Political Science (351, 201, 202)			
Sociology 300			
Economics 340			
Geography (100, 302, 309, 312, 320, 401, 405, 205, 203)			
(At least one course in each of three subjects must be completed.)			
3. Science or Mathematics (but not both)			6
4. Education			20
a. Required courses		14	
Ed. 301, Educational Psychology	5		
Ed. 310, Principles and Management of High School Teaching	4		
Ed. 450, Directed Teaching	5		
b. Select from following		6 to 10	
Ed. 440, High School Organization	3		
Ed. 430, Tests and Measurements	2		

Ed. 460, Philosophy of Education	3	
Ed. 405, Educational Sociology	2	
Ed. 415, History of Education	3	
Ed. 404, Co-Curricular Activities	2	
5. Physical Education		3
Phys. Ed. 101-102, General Course	2	
Phys. Ed. 311 or 312, Physical Education for Secondary Schools		1

NOTE: When any of the General Requirements overlap the requirements in the chosen teaching fields, the work may be used to meet both requirements.

A. FOR TEACHERS OF ART

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
ART: Minimum requirement for graduation			32
1. Freehand Drawing		6	
Art 101-102, Drawing	6		
Art 406, Figure Drawing	3		
2. Design		6	
Art 103, Theory of Color and Design	3		
Art 200, Constructive Design	2		
Art 305, Applied Design	3		
3. Painting and Sculpture		6	
Art 307, Sculpture	3		
Art 350, Water Color Painting	3		
Art 455-456, Oil Painting	6		
4. History and Appreciation		6	
Art 212, Art and Nature Appreciation	2		
Art 401-402, History of Art	4		

B. FOR TEACHERS OF BIOLOGICAL SCIENCE

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
BIOLOGY: Minimum requirement for graduation			24
1. Required courses		17	
Biology 107-108, General Biology	6		
Botany 204, Cryptogamic Botany	4		
Biology 306, Field Biology	4		
Zoology 307, Genetics	3		

2. Suggested electives	7	
Zoology 206, Comparative Vertebrate Anatomy	4	
Botany 302, Bacteriology	4	
Zoology 305, Human Anatomy	3	
Zoology 306, Human Physiology	3	
Botany 403, Mycology and Plant Pa- thology	4	
Chemistry 101-102		8

C. FOR TEACHERS OF BIOLOGICAL AND GENERAL SCIENCE

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirement for graduation			39
Biology		16	
1. Required courses	13		
Biology 107-108, General Biology 6 hrs.			
Biology 306, Field Biology	4		
Zoology 307, Genetics	3		
2. Suggested electives			
Botany 204, Cryptogamic Botany 4 hrs.			
Botany 305, Economic Botany	3		
Zoology 206, Comparative Verte- brate Anatomy	4		
Botany 302, Bacteriology	4		
Zoology 305, Human Anatomy	3		
Zoology 306, Human Physiology	3		
Botany 403, Mycology and Plant Pathology	4		
Chemistry 101-102		8	
Physics 201, 202, 203, 204		8	
Geology		2	

D. FOR TEACHERS OF COMMERCE-BUSINESS PRINCIPLES

<i>Subjects Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirement for graduation			24
Money, Credit, and Banking		3	
Economics 308, Money, Credit and Prices	3		
Marketing or Retail Merchandising		3	
Commerce 340, Principles of Marketing ..	3		

Typewriting	4
Commerce 103-104, Typewriting	4
Business Mathematics or Mathematics of Finance	2
Commerce 311, Advanced Accounting	3
Commerce 323, Principles of Business Finance	3
Accounting	6
Commerce 215-216, Principles of Accounting	6
Business Law	3
Commerce 205, Commercial Law	3
Consumer Business—Economic Problems ..	3
Economics 346, U. S. Economics and Industrial Problems	3
Economics 242, Principles of Economics ..	3

E. FOR TEACHERS OF COMMERCE-OCCUPATIONAL

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirement for graduation			24
1. Accounting		6	
Commerce 215-216, Principles of Accounting	6		
2. Typewriting		4	
Commerce 103-104, Typewriting	4		
3. Shorthand		8	
Commerce 201-202, Shorthand-Type-writing	8		
4. Secretarial Training and Office Practice ..		3	
Commerce 404, Secretarial Training	3		
Commerce 405, Office Practice	2		
5. Retail Merchandising, Salesmanship, Advertising		3	
Commerce 231, Principles of Selling	2		
Commerce 330, Advertising	3		
or			
Commerce 340, Marketing			

F. FOR TEACHERS OF ENGLISH

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
ENGLISH: Minimum requirements for graduation			32
1. Composition, Oral and Written		10	
Eng. 103, English Composition	5		
Speech 305, Elements of Public Address, 2 hrs. or			
Speech 313, Play Production	3		
Eng. 215, Exposition, or English 405, Study of the English Language	2 or 3		
2. Literature		12	
Eng. 223, Survey of American Literature	3		
English Literature Survey	3*		
Select from following			
Eng. 335, Literature of the Renaissance and Reformation in England (1485- 1674)	2 hrs.		
Eng. 234, English Prose and Poetry (1660-1800)	2		
Eng. 233, English Prose and Poetry (1800-1892)	2		
Eng. 436, First Ten Centuries of English Literature	2		
Eng. 316, Contemporary Writers, English and American	2		
Eng. 317, The Development of the English Novel	2		
Eng. 325, Shakespeare	3		
Eng. 402, World Literature	3		
Eng. 407, Anglo-Saxon	3		
3. Special Activities		2	
Lib. Sci. 301, How to Use a Li- brary, or Journ. 328, High School Journalism	2		

*May be satisfied by taking Eng. 233, 234 and 335.

NOTE: Students combining English and social studies as teaching fields should also add another teaching field in addition.

G. FOR TEACHERS OF FRENCH

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirement for graduation			24
(2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.)			
French 121-122, First Year French.....		6	
(Student who enters with 2 units of high school French does not take these courses; with 1 unit of high school French he takes French 122.)			
French 223, Modern French Fiction Since 1800		3	
French 224, Modern French Drama (1830-1920)		3	
French 357, Explication des Textes.....		2	
French 327-328, Seventeenth Century Literature		6	
French 437-438, Romantic Drama		6	
French 251-252, Advanced Grammar and Composition		4	
French 351-352, Phonetics and Oral French		4	
French 425-426, Eighteenth Century Literature		6	
French 355, French Civilization and Culture		2	

NOTE: Spanish and German teaching fields have requirements similar to those for French and Latin.

H. FOR TEACHERS OF HOME ECONOMICS

<i>Subjects Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
HOME ECONOMICS: Minimum requirement for graduation			37
1. Foods and Nutrition		10	
Home Ec. 202, Food Selection and Prep-			

aration	3	
Home Ec. 203, Economic Uses of Food	3	
Home Ec. 301, Dietetics	4	
2. Textiles and Clothing		8
Home Ec. 127, Textiles and Clothing	2	
Home Ec. 227, Clothing Selection	3	
Home Ec. 329, Clothing Construction.....	3	
3. Applied Art		8
Home Ec. 104, Applied Art	2	
Home Ec. 240, History of Costume	2	
Home Ec. 351, Home Architecture	2	
Home Ec. 354, Home Decoration	2	
4. Home Management		8
Home Ec. 358, Economics of the House- hold	3	
Home Ec. 402, Home Management	2	
Home Ec. 420, Mechanics of the House- hold	3	
5. Child Care and Development		2
Home Ec. 303, Child Care	3	
Chemistry 101-102		8
Biology		12

NOTE: The chemistry and biology requirement above automatically covers the science item in general requirements for all high school teachers and that portion of a major in science.

I. FOR TEACHERS OF LATIN

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirements for graduation..... (2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.)			24
Latin 111-112, Beginning Course		6	
(For students with no high school credit in Latin.)			
Latin 115, Caesar: Gallic Wars		3	
(For students with one unit high school Latin.)			
Latin 203, Cicero: Selected Orations ...		3	
Latin 214-215, Vergil's Aeneid		6	
Latin 403, The Roman Stage		3	
Latin 327, Advanced Prose Composition ...		3	

Latin 204, Cicero. De Amicitia, De Senecute	3
Latin 307, Cicero: Selections from His Letters	3
Latin 309, Livy: Selections from His History	3
Latin 306, Selections from Horace	3
Latin 312, Tacitus: Annals	3

J. FOR TEACHERS OF MATHEMATICS

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirement for graduation			22*
Mathematics 120, Algebra		3**	
Mathematics 223, College Algebra		3	
Mathematics 121, Solid Geometry		3***	
Mathematics 122, Plane Trigonometry		3	
Mathematics 224, Analytic Geometry		4	
Mathematics 421, Solid Analytics		3	
Mathematics 325-326, Differential and Integral Calculus		8	
Mathematics 435, Differential Equations		3	

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

**Only for students entering with less than 1½ units high school algebra.

***Only for students entering without high school solid geometry.

K. FOR TEACHERS OF MUSIC

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirement for graduation			32
1. Theory		6	
Music 115, Sight Reading	3		
Music 116, Ear Training	3		
Music 120-121, Harmony	4		
2. Applied Music		9	
Music 280-281, 403, Piano Training	6		
Music 312-313, Voice Training	4		
Music 262, 462, Band and Orchestral Instruments	4		

3. Appreciation	3
Music 222-223, History and Appreciation of Music	6
4. Conducting	6
Music 207, 407, Ensemble Singing, or Music 265, 266, 466, 465, Band	4
Music 490, Conducting	2

L. FOR TEACHERS OF PHYSICAL EDUCATION

<i>Subjects Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirement for graduation			30
1. Anatomy, Physiology and Kinesiology.....		4	
Phys. Ed. 440, Physiology of Exercise	3		
Phys. Ed. 321, Kinesiology	3		
2. Health Education and Hygiene		4	
Phys. Ed. 221, Health Education	2		
Phys. Ed. 313, Personal Hygiene	2		
3. Principles, Organization and Administra- tion of Health and Physical Education		2	
Phys. Ed. 410, Organization and Adminis- tration	2		
4. Physical Inspection and Correction of Remedial Defects		1	
Phys. Ed. 322, Individual Gymnastics	3		
Phys. Ed. 310, Postural Gymnastics	1		
5. Theory and Practice of Physical Educa- tion		13	
Differentiated Courses for Men and Women:			
		<i>Men</i>	<i>Women</i>
Team Sports	5		3
Phys. Ed. 111, Baseball	1 hr.		
Phys. Ed. 103, Football	1 hr.		
Phys. Ed. 110, Basketball	1 hr.		
Phys. Ed. 109, Track	1 hr.		
Phys. Ed. 206, Soccer and Speedball	1 hr.		
Phys. Ed. 108, Field Ball and Hockey.....	1 hr.		
Phys. Ed. 421, Advanced Practice and Offi- ciating	1 hr.		
Recreational Activities	3		3

Phys. Ed. 205, 403, Aquatic Sports	1 hr. each.	
Phys. Ed. 207, Archery and Tennis	1 hr.	
Phys. Ed. 306, Tumbling	1 hr.	
School and Community Activities	4	4
Phys. Ed. 208, Games	1 hr.	
Phys. Ed. 422, Athletic Training	2 hrs.	
Phys. Ed. 308, Camping and Hiking	1 hr.	
Phys. Ed. 307, Scouting	1 hr.	
Phys. Ed. 450, Playground and Community Recreation	2 hrs.	
Rhythms	1	3
Phys. Ed. 405, Folk Dancing and Clogging	1 hr.	
Phys. Ed. 304, Natural Dancing	1 hr.	
Phys. Ed. 104, Marching and Calisthenics	1 hr.	

M. FOR TEACHERS OF PHYSICAL SCIENCE

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirement for graduation.....			24
Chemistry		16	
Chemistry 101-102, General Chemistry, or Chemistry 201-202 (inorganic), General Chemistry	8		
Chemistry 203, Qualitative Analysis	4		
Chemistry 204, Quantitative Analysis	4		
Chemistry 301-302, Organic	8		
Chemistry 305, Physiological Chemistry	3		
Physics		8	
Physics 201, 202, 203, 204, General Phys- ics	8		
Physics 300, Electricity and Magnetism.....	3		
Physics 301, Electrical Measurements	2		
Physics 302, Electricity and Magnetism	3		
Physics 303, Electrical Measurements	2		
Physics 304, Light	3		
Physics 305, Light Laboratory	2		
Physics 306, Element of Mechanics	3		
Physics 307, Mechanics Laboratory	2		
Physics 308, Heat	3		
Physics 309, Heat Measurements	2		
Physics 311, Sound	3		

N. FOR TEACHERS OF PHYSICAL AND GENERAL SCIENCE

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirements for graduation			34
Chemistry		16	
Chemistry 101-102, General Chemistry or Chemistry 201-202, Advanced General Chemistry (Inorganic)	8		
Chemistry 203, Qualitative Analysis	4		
Chemistry 204, Quantitative Analysis	4		
Chemistry 301-302, Organic Chemistry ..	8		
Chemistry 305, Physiological Chemistry—	3		
Physics		8	
Physics 201, 202, 203, 204, General Phys- ics	8		
Physics 300, 302, Electricity and Mag- netism	6		
Physics 301, 303, Electrical Measurements	4		
Physics 304, Light	3		
Physics 305, Light Laboratory	2		
Physics 306, Elements of Mechanics	3		
Physics 307, Mechanics Laboratory	2		
Physics 308, Heat	3		
Physics 309, Heat Measurements	2		
Physics 311, Sound	3		
Geology		2	
Biology		8	

O. FOR TEACHERS OF SOCIAL STUDIES

<i>Subject Groups</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Minimum requirement for graduation			32
History		14	
History 221-222, Modern Europe (1492- Present)	6		
History 311-312, 431, American History (1492-Present)	9		
History 207, West Virginia History	3		
Government		2	
Political Science 201, American National Government	3 (required)		
Political Science 202, State and Local Gov-			

ernment	3	
Political Science 351, Modern Govern- ments	3	
Economics		2
Economics 340, Principles of Economics...	3	
Economic 346, U. S. Economics and Indus- trial Problems	3	
Sociology		2
Sociology 300, Outlines of Sociology	3	
Sociology 308, The Family	2	
Sociology 311, Problems of Poverty	3	
Geography		2
Geography 401, Historical Geography of the U. S.	3	
Geography 405, World Political Geography	3	
Geography 100, Principles of Geography..	3	
Geography 205, Economic Geography of North America	3	
Geography 302, Economic Geography of Europe	3	
Geography 320, Conservation of Natural Resources	3	

NOTE: Students combining social studies and English as teaching fields should also add another teaching field.

COURSES OF INSTRUCTION

ART

100. **Introduction to Art.** Two hours.
Fundamental principles of drawing, painting and design. Mr. Jablonski, Miss Wiltse.
101. **Drawing.** Three hours.
Study and practice of line drawing, form drawing and color value drawing. Mr. Jablonski.
102. **Drawing.** Three hours.
Perspective principles, applications and renderings in various mediums. Prerequisite: Art 101. Mr. Jablonski.
103. **Theory of Color and Design.** Three hours.
Application of the fundamental principles of order to surface patterns and painting. Mr. Jablonski.
200. **Constructive Design.** Two hours.
Designing and making objects in various materials; application of surface finish and decoration. Prerequisite: Art 103. Mr. Jablonski.
201. **Constructive Design.** Two hours.
Continuation of Art 200, which is prerequisite. Mr. Jablonski.
202. **Lettering.** One hour.
Study and practice of freehand lettering with pen and brush. Mr. Jablonski.
205. **Public School Art (Grades 1-6).** Two hours.
Methods of presenting all art subjects; selection of materials; units of work, and course planning. Prerequisite: Art 100. Miss Wiltse.
212. **Art and Nature Appreciation.** Two hours.
A study of the aesthetic materials and modes involved in the consideration of beauty in art and nature.
300. **Arts and Crafts for the Elementary School (Grades 1-6).** Two hours.
Consideration of material, design and construction of industrial arts and crafts. Use of clay, cardboard, and wood. Book-

binding, weaving, textile design, puppetry and stage art. Prerequisite: Art 205.

305. Applied Design. Three hours.

The application of the principles of design to surface enrichment of constructed objects. Prerequisite: Art 103. Mr. Jablonski.

306. Applied Design. Three hours.

Advanced problems in surface decoration. Prerequisite: Art 103. Mr. Jablonski.

307. Sculpture. Three hours.

The study and practice of modeling forms in relief and in the round. Practice in plaster and clay casting. One lecture and five laboratory hours per week. Prerequisite: Art 200. Mr. Jablonski.

350. Water Color Painting. Three hours.

Practice of the technique of water color medium as applied to still life, landscape and figure subjects. Prerequisite: Art 102, 103. Mr. Jablonski.

401. History of Art. Two hours.

A general survey of the development of architecture, sculpture, painting and the minor arts to 1150 A. D. Mr. Jablonski.

402. History of Art. Two hours.

Occidental art from 1150 A. D to present. Mr. Jablonski.

406. Figure Drawing. Three hours.

A study of the construction and rendering of the human figure. Prerequisite: Art 102. Mr. Jablonski.

455. Oil Painting. Three hours.

Practice of the technique of oil colors in the rendering of still life, landscape and figure subjects. Experiments with set palettes. Prerequisite: Art 102, 103. Mr. Jablonski.

456. Oil Painting. Three hours.

Continuation of Art 455. Mr. Jablonski.

BIOLOGY

101. Biological Nature Study. Three hours.

Required in standard normal and four-year curricula for elementary teachers. Includes field and laboratory study of both plants and animals. Mr. Darlington.

107. **General Biology.** Three hours.
Required in standard normal and four-year curricula for elementary teachers. A study of form, function, and principles of plant and animal life. Mr. Loy.
108. **General Biology.** Three hours.
A continuation of Biology 107. Mr. Loy.
109. **General Physical Science.** Three hours.
An integrated course consisting of lectures, recitations, and selected experiments regarding physical and chemical changes and the nature and properties of matter and energy, the earth and its relations to other heavenly bodies, and weather and climate affecting man. Required in standard normal and four-year curricula for elementary teachers, new requirements. Mr. Darlington.
306. **Field Biology.** Four hours.
A study of the identification, classification and environment of animals and plants of field, wood and stream. Prerequisite: Six hours of Biology. Mr. Darlington.

ECONOMICS

(Offered in Teachers College by the Department of Economics of the College of Arts and Sciences)

340. **Principles of Economics.** Three hours.
An abbreviation of Economics 241-242. Given for Teachers College juniors and seniors who require only three hours in economics. Mr. Wolford.

EDUCATION

105. **Educational Psychology.** Three hours.
The learning process as it applies to learning in the elementary school. Standard normal students only. Mr. Shouse, Mr. Vander Zalm.
150. **Principles of Learning, Teaching and Management in the Elementary School.** (Grades 1-6). Three or five hours.
Three hours for the standard normal certificate; five hours for the collegiate elementary certificate. Prerequisite: Education 105. Mrs. H. Lyon, Miss Foulk.
215. **Kindergarten-Primary Education.** Two hours.
History of kindergarten; its theory and value; materials and equipment, and their use; relation to first grade. For those who

are or expect to be teachers in kindergarten or first grade. Formerly Education 115. Mrs. H. Lyon.

- 230. Measurement of Achievement in the Elementary School.** Two hours.
Designed to aid teachers in the preparation of new type tests, and in the giving, scoring and interpretation of tests and test results. Mr. Woods.
- 233. The West Virginia School System.** Two hours.
Required on standard normal certificate. A study of the state school system as it applies to finance, school laws, transportation of pupils, safety education, program of studies, school reports, public relations. Miss Foulk.
- 250. Supervised Student Teaching (Grades 1-6).** Three or five hours.
Students will teach two hours daily in the laboratory school under the direction of critics and supervisors. All teachers will teach in different grade levels. Reference readings and conferences. Three hours for standard normal certificate; five hours for collegiate elementary certificate. Prerequisite: 26 hours or more college credit with an average of C; an average of C in education, including Education 150. Mrs. H. Lyon, Miss Foulk.
- 301. Educational Psychology.** Five hours.
A study of the bases of human behavior and of the learning process. Emphasis is placed upon motivation, emotional control, fatigue in learning, development of personality. Illustrations are drawn from the secondary school. Prerequisite: Junior standing. Mr. Vander Zalm.
- 303. Psychology of Child Adjustment.** Three hours.
An applied course in the study of individual differences as to child nature, motivation, and adjustment. Special emphasis upon causal factors of maladjustment. Prerequisite: Education 105. Mr. Bowers.
- 310. Principles and Measurement of High School Teaching.** Four hours.
A study of secondary school activities relative to the best teaching procedures and classroom management. Required for high school teachers. Prerequisite: 80 hours credit with Education 301 preceding or accompanying. Mr. Roudebush.
- 404. Co-Curricular Activities.** Two hours.
An elective course for prospective high school teachers. The student directs an activity in the Laboratory High School. Prerequisite: Current registration in Education 450. Mr. Musgrave.

405. **Educational Sociology.** Two hours.
What has sociology to offer by way of answer to educational problems? Questions about objectives, curriculum, method arise for answers in terms of social considerations. Formerly Education 305. Seniors. Mr. Shouse.
415. **History of Modern Education.** Three hours.
Historical backgrounds of our public school system since the Renaissance. The course follows two main lines—development of educational practice; development of educational theory. Formerly Education 315. Seniors. Mr. Shouse.
430. **Measurement of Achievement in Secondary Schools.** Two hours.
Designed to aid high school teachers in preparation of new type tests, and in the giving, scoring and interpretation of tests and test data. Includes elementary statistical processes. Seniors. Mr. Woods.
440. **High School Organization.** Three hours.
Problems of organization, management, and control of the modern secondary school, with special reference to the West Virginia school system. An evaluation of various types of secondary school organization. Aims to give the classroom teacher an understanding and an appreciation of the practical organization and administrative problems of the high school. Seniors. Mr. Vander Zalm.
450. **Supervised Student Teaching in Secondary Schools.** Five hours.
The student spends one hour daily in the classroom, teaching under supervision. Consideration is given to best methods and educative materials. Daily conferences. Required for high school teachers. Prerequisite: Education 310. Mr. Roudebush.
460. **Philosophy of Education.** Three hours.
Contemporary educational thinking and practices studied in relation to present day types of philosophy; realism, idealism, pragmatism. Current educational literature examined for evidences of the effect of philosophical points of view. Seniors. Two or three hours. Mr. Shouse.

ENGLISH

103. **English Composition.** Five hours.
A course designed to help the student to speak and write correctly and effectively. Emphasis in the written work is placed upon sentence and paragraph construction and upon the writing of short themes. Required of all freshmen in Teachers College. Mr. Baxter, Miss Flower, Mr. Franklin, Mr. Pollitt.

203. **Children's Literature.** Two hours.
A study of the various types of poetry and prose—traditional, recent, and contemporary—which appeal to children, of the primary and intermediate grades. Sophomores. Miss Wehler.
208. **Survey of English Literature.** Three hours.
A study of poetry and prose by representative English authors from the time of Chaucer to 1900, supplemented by collateral readings and by oral and written reports. Not open to students who take English as a teaching field. Miss Wehler.
215. **Exposition.** Two hours.
Systematic exercises in expository writing. Prerequisite: English 103. Not open to freshmen. Mr. Franklin, Miss Flower.
223. **Survey of American Literature.** Three hours.
A reading course planned to give a general knowledge of the literature of America as the expression of the national mind. Mr. Baxter, Miss Flower.
233. **English Prose and Poetry 1800-1892.** Two hours.
Open only to those students who take English as a teaching subject. Miss Flower.
234. **English Prose and Poetry 1660-1800.** Two hours.
Open only to those students who take English as a teaching subject. Miss Flower.
316. **Contemporary Writers, English and American.** Two hours.
For juniors and seniors. This course aims to discover in representative American and English poetry, drama, novel and biography something of the temper and the trend of the writing of the twentieth century. Mr. Baxter.
317. **The Development of the English Novel.** Two hours.
For juniors and seniors. A history of the English novel of the seventeenth and eighteenth centuries with emphasis on the literary and social trends of the periods as represented in the novels themselves. Mr. Baxter.
325. **Shakespeare.** Three hours.
Ten representative plays are studied, and ten others are read. For juniors and seniors. Mr. Franklin.
335. **Literature of the Renaissance and Reformation in England (1485-1674).** Two hours. Miss Wehler.
402. **World Literature.** Three hours.
Selections from the literature of great nations, (except American and English), ancient and modern. Miss Wehler.

403. **Lyric Poetry, English and American.** Two hours.
The background and the varying forms of the lyric, with much reading of poetry. Mr. Baxter.
405. **Study of the English Language.** Three hours.
A study of the growth of the English language and of its present structure and use. Mr. Franklin.
407. **Old English.** Three hours.
The elements of Old English, with selected readings. For juniors and seniors who intend to do graduate work in English. Mr. Franklin.
436. **The First Ten Centuries of English Literature (449-1500).** Two hours.
Selections from Old English and earlier Middle English literature in translation; selections from Chaucer in the original. Prerequisite: English 405. Mr. Franklin.

GEOGRAPHY

100. **Principles of Geography.** Three hours.
Relationship between man and elements of natural environment, such as location, size, accessibility, soils, minerals, native vegetation and animals, oceans, surface and underground waters and climate, emphasizing the most important human adjustments made by these elements in the various continents. Miss Burgess, Mr. Davis.
203. **General Economic Geography.** Three hours.
Study of world geography with units built around specific products of agriculture, manufacturing and mining, as related to soil, climate, geology, etc. Mr. Britton.
205. **Economic Geography of North America.** Three hours.
Study of North America by natural regions with special emphasis on the relation of man's activities to such natural factors as soil, geology, climate, etc. Prerequisite: 3 hours geography, or special permission. Mr. Britton, Mr. Davis.
206. **Economic Geography of West Virginia.** Three hours.
Study of agriculture and industry development as influenced by geographic conditions. Regional treatment. Current geography. Miss Burgess.
302. **Economic Geography of Europe.** Three hours.
A study of activities as related to the natural environment, with special attention to the four leading countries. Current

- geography. Prerequisites: 3 hours geography or European history. Miss Burgess.
309. **Economic Geography of Latin America.** Three hours.
Study of economic regions within countries or political divisions of South and Central America and the West Indies in relation to natural factors of the environment. Prerequisite: 3 hours geography. Mr. Britton.
312. **Geography of Asia.** Three hours.
Particular attention is given to the study of India, China, and Japan. A brief survey is made of the continent. Prerequisite: 3 hours geography. Mr. Britton, Mr. Davis.
320. **Conservation of Natural Resources.** Three hours.
A study of the natural resources of the United States with particular reference to soils, forests, water power, and minerals as basic factors of modern civilization. Consideration of the conservation problem of our national life. Mr. Britton.
401. **Historical Geography of the United States.** Three hours.
The geography of the United States in the past; the evolution of environmental relationship. Prerequisite: 3 hours of geography or American history. Miss Burgess, Mr. Davis.
405. **World Political Geography.** Three hours.
Study of the political problems of the leading countries in relation to the natural environment. Prerequisite: 3 hours geography, or special permission. Mr. Davis.

HISTORY

207. **History of West Virginia and Trans-Allegheny Frontier.** Three hours.
This course is open to freshmen. Mr. Hedrick.
221. **Modern Europe (1492-1815).** Three hours.
A general survey of the period with emphasis upon the relationship of events and movements. Not open to freshmen. Mr. Toole, Mr. Klinger.
222. **Modern Europe (since 1815).** Three hours.
A continuation of History 221. Mr. Klinger, Mr. Toole.
231. **American History and Government (to 1852).** Three hours.
An integrated course for standard normal students only. Mr. Hedrick, Mr. Toole.
232. **American History and Government (since 1852).** Three hours.
Continuation of History and Government 231. An integrated

course for standard normal students only. Mr. Hedrick, Mr. Toole.

(NOTE: Students who have taken History and Government 231 and 232 may earn credit in History 308, 309, but not in History 311, 312, 431 and Pol. Sci. 201.)

308. **Social and Economic History of the South.** Three hours.
Juniors and seniors only. Recommended as an elective to all majors in social studies in Teachers College. Mr. Hedrick.
309. **Social and Economic History of the West.** Three hours.
Recommended as an elective to all majors in social studies in Teachers College. Juniors and seniors only. Mr. Hedrick.
311. **American History (1492-1789).** Three hours.
An intensive study of the colonial settlement and problems, including a comparative study of the colonies and their institutions. Juniors and seniors only. Mr. Toole.
312. **American History (1789-1865).** Three hours.
A continuation of History 311. Juniors and seniors only. Mr. Toole.
431. **American History (since 1865).** Three hours.
An intensive study of the social, economic and political problems that grew out of the Civil War and the Reconstruction. Seniors only, except by special permission. Mr. Hedrick.

HOME ECONOMICS

104. **Applied Art.** Two hours.
Application of the fundamental principles of design to dress. Mrs. T. Lyon.
127. **Textiles and Clothing.** Two hours.
Study of the important fibers and materials made from them. Practice in weaving and textile testing. Mrs. T. Lyon.
202. **Food Selection and Preparation.** Three hours.
Food selection from the standpoint of body requirements, cost, methods of preparation. Miss MacDannald.
203. **Economic Uses of Food.** Three hours.
A study of food markets from the standpoint of the consumer. Planning, preparing, and serving meals from the standpoint of various budget levels. Prerequisite: Home Economics 202. Miss MacDannald.

205. **Elementary Nutrition.** Two hours.
An elective course for students not majoring in home economics. The course covers the fundamental principles of elementary dietetics. No prerequisite.
227. **Clothing Selection.** Three hours.
Instruction and practice in planning, designing, buying, cutting, fitting and finishing of garments made from wash fabrics, woolens, and sport silks. Mrs. T. Lyon.
240. **History of Costume.** Two hours.
Study of historic costume with emphasis upon modern adaptation. Mrs. T. Lyon.
301. **Dietetics.** Four hours.
Advanced course in the principles of nutrition as they relate to food health and dietary construction. Prerequisite: Home Economics 202, 203; Chemistry 101, 102. Miss MacDannald.
303. **Child Care.** Three hours.
A study of the physical development and care of the infant and the pre-school child. Lecture two hours; laboratory two hours. Mrs. T. Lyon.
304. **Diet and Disease.** Two hours.
A study of the relation of diet to disease with emphasis upon prevention as well as dietary treatment. Prerequisite: Home Economics 202, 203, 301; Chemistry 101, 102.
329. **Advanced Clothing Construction.** Three hours.
Special application of the principles of design and construction to tailored, formal and informal garments. Prerequisite: Home Economics 227. Mrs. T. Lyon.
351. **Home Architecture and Sanitation.** Two hours.
Situation, surrounding, and construction of the house. Heating, lighting, ventilating, water supply, and drainage. Miss MacDannald.
354. **Home Decoration.** Two hours.
Theory of color and design applied to interior decoration. Mrs. T. Lyon.
358. **Economics of the Household.** Three hours.
The economic problems of the home; organization of personal and family life; family income, expenditures, savings, budgets. Miss MacDannald.
402. **Home Management.** Two hours.
Principles of efficient management in the home. Includes

study of family finance, of household buying, housing problems, time and energy studies, and home hygiene. Miss MacDannald.

405. **Quantity Cookery.** Three hours.
Practice in large-quantity food preparation and serving. Laboratory work in cooperation with school and local hospitals. Miss MacDannald.
407. **Cafeteria Management.** Two hours.
Administration, organization, and equipment of a cafeteria and school lunchroom. Miss MacDannald.
420. **Mechanics of the Household.** Three hours.
A study of household equipment, its selection and care. Miss MacDannald.

JOURNALISM

(Offered in Teachers College by the Department of Journalism of the College of Arts and Sciences.)

327. **Journalistic English.** Two hours.
English form and style as found in best newspapers. Mr. Pitt.
328. **High School Journalism.** Two hours.
Designed to train high school teachers in the methods of putting out high school papers. Editorial news, and feature policies, advertising and circulation, etc. Mr. Pitt.

LIBRARY SCIENCE

301. **How to Use a Library.** Two hours.
An elective course for both elementary and secondary teachers who wish to improve their working knowledge of a library. A prerequisite to other library courses. Miss Amstutz.
401. **Organization and Administration.** Two hours.
402. **Reference Work.** Two hours. Mrs. Bobbitt.
403. **Cataloguing and Classification.** Two hours. Miss Amstutz.
404. **Book Selection.** Two Hours.

Except for 301 the courses in Library Science are treated from the standpoint of the high school library. These courses are designed to meet the requirement for library work as a third subject on high school teachers' certificates. Laboratory work is a part of each course.

MUSIC

100. **Introduction to Music.** Two hours.
Proper use of singing voice; good taste in interpretation; songs taught by rote used as foundation for further study; reading material of fifth grade difficulty; only such theory as is needed to master the above outline; appreciation though artistic singing and hearing other music. Mr. Mueller, Miss Whitehurst.
115. **Sight Singing and Ear Training.** Three hours.
Rudimentary music in unison, two and three parts, including bass staff. Simple chromatics. Miss Whitehurst, Mr. Mueller.
116. **Sight Singing and Ear Training.** Three hours.
Recognition of simple pitch and rhythm types, major and minor effects, and simple modulations through chromatic usage. Miss Whitehurst, Mr. Mueller.
120. **Harmony.** Two hours.
Study of melodic construction and use of chords including the dominant seventh. Prerequisite: Music 100. Mr. Mueller.
121. **Harmony.** Two hours.
Primary and secondary chord usage including modulations. Prerequisite: Music 120. Mr. Mueller.
132. **Music Appreciation.** One hour.
A general approach to the beauties and characteristics of worthwhile music. Miss Whitehurst.
207. (For freshmen and sophomores).
407. (For juniors and seniors). **Ensemble Singing.** Two hours.
The study of the principles of choral singing based on standard chorus literature. Prerequisite: An acceptable voice and the ability to sustain a part. Tryout. Mr. Mueller.
222. **History and Appreciation of Music.** Three hours.
From early music to the romantic period, including listening to music. Open to all college students. Mr. Mueller.
223. **History and Appreciation of Music.** Three hours.
The romantic and modern periods. Conducted in same manner as 222. Mr. Mueller.
234. **Music Appreciation.** One hour.
Of same nature as Music 132, using different music and different text. Miss Whitehurst.
262. (Freshmen and sophomores)

462. (Juniors and seniors) **Band and Orchestral Instruments**. One hour.
Giving a working knowledge of the instruments of the usual school orchestra. (May be repeated to four hours credit on different instruments.) Prerequisite: Music 100. Mr. Mueller.
265. (Freshmen and sophomores)
465. (Juniors and seniors) **Band**. Two hours.
Study of march and concert material. (Meets four days a week). Prerequisite: Tryout. Mr. Mueller.
266. (Freshmen and sophomores)
466. (Juniors and seniors) **Band**. Two hours.
Advanced technique and concert material. (Meets four days a week.) Prerequisite: Technical proficiency. Mr. Mueller.
270. **Public School Music Methods (Grades 1-6)**. Two hours.
Study of: adult voice as used in teaching the child to sing beautifully; repertoire of community songs; monotones; rote teaching; transition from rote to note; reading ability developed through musical feeling; simple chromatics; introduction of part-singing; 6/8 measure; toy orchestra; appreciative listening based on good taste and self-control; tone color, tone quality, simple form, rhythms, styles of composition; bodily rhythmic responses; theory essential to the foregoing. Prerequisite: Music 100 and the ability to sing. Miss Whitehurst.
280. **Piano Training**. Two hours.
Technical and theoretic study for beginners, using pianos and key-boards. Prerequisite: Music 100 or 115. Mr. Mueller.
281. **Piano Training**. Two hours.
Continuation of Music 280. Prerequisite: Music 280. Mr. Mueller.
301. **Analysis**. Two hours.
From the harmonic content. Prerequisite: Music 121. Mr. Mueller.
302. **Analysis**. Two hours.
From the formal content. Prerequisite: Music 121. Mr. Mueller.
312. **Voice Training**. Two hours.
Foundation principles of voice usage and taste in singing. Prerequisite: Music 100. Miss Whitehurst.
313. **Voice Training**. Two hours.
Continuation of Music 312. Prerequisite: Music 312. Miss Whitehurst.

338. **Materials and Methods in Public School Music (Grades 1-6).** Four hours.
Intensive study of materials and methods in successful use. For music majors only. Prerequisite: Eight hours of music. Miss Whitehurst.
350. **Methods of Teaching Music Appreciation.** Two hours.
Study of materials and methods (grades 1-8). Required for elementary certificates. Prerequisite: Two hours of music. Mr. Mueller.
365. **Human Values in Music Appreciation.** Two hours.
A course in listening to music of various kinds with opportunity for discussion of our likes and dislikes. Assigned readings. No music prerequisite. Open to all juniors and seniors. Mr. Mueller.
371. **Orchestration.** Three hours.
Arranging music for school orchestras; survey of materials and methods for instrumental music in the schools. Prerequisite: Music 120 and 262. Mr. Mueller.
381. **Counterpoint.** Two hours.
Study of simple contrapuntal writing. Prerequisite: Eight hours of music. Mr. Mueller.
403. **Advanced Piano Training.** Two hours.
Study of repertoire and interpretation. Prerequisite: Music 281. Mr. Mueller.
460. **Musical Art.** Two hours.
Study of modern period of symphonic music and of criticism. Prerequisite: Four hours of music. Miss Whitehurst.
490. **Conducting.** Two hours.
The technique of conducting with application to the artistic values involved. Prerequisite: Ten hours of music. Mr. Mueller.

PHYSICAL EDUCATION

101. **General Course.** One hour.
Three periods a week for all non-major freshmen. Activities for men: games, calisthenics, corrective exercises, marching, tumbling, apparatus work, swimming.
Activities for women: tennis, field hockey, volleyball, swimming, rhythm, postural work, baseball. Miss Robinson, Miss Berlyman, Mr. Fitch, Mr. Dandelet, Mr. Gullickson.
102. **General Course.** One hour.
Continuation of Phys. Ed. 101.

NOTE: Sections of Phys. Ed. 101 and 102 are maintained for those who, on college physician's advice, are restricted to certain types of physical activity. Carried on under college physician's supervision to improve general physical condition and to correct physical handicaps as far as possible. Miss Robinson, Miss Berryman, Mr. Fitch, Mr. Dandelet, Mr. Gullickson.

103. **Football.** One hour.

Three periods a week. Theory and technique of football. A course in fundamentals; not credit for playing football. Freshmen men majoring in physical education and others who pass tests. Mr. Dandelet.

104. **Marching and Calisthenics.** One hour.

Three periods a week. Separate sections for men and for women majoring in physical education and others who pass tests. Miss Robinson, Mr. Gullickson.

108. **Field Ball and Hockey.** One hour.

Three periods a week. Freshmen women majoring in physical education and others who pass tests. Miss Berryman.

109. **Track.** One hour for men (full semester). One-half hour for women (half semester).

Three periods a week. A course in fundamentals; not credit for participation in track. Separate sections for men and for women majoring in physical education and others who pass tests. Women take this course same semester as Phys. Ed. 111. Miss Berryman, Mr. Dandelet.

110. **Basketball.** One hour.

Three periods a week. Theory and technique of basketball. A course in fundamentals, not credit for playing basketball. Separate sections for men and women majoring in physical education, and others who pass tests. Miss Robinson, Mr. Dandelet.

111. **Baseball.** One hour for men (full semester). One-half hour for women (half semester).

Three periods a week. Theory and technique of baseball. A course in fundamentals, not credit for playing baseball. Separate sections for men and for women majoring in physical education and for others passing tests. Women take this course in same semester as Phys. Ed. 109. Miss Berryman, Mr. Fitch.

203. **Physical Education for Elementary Schools.** One hour.

Two periods a week. Games and rhythmic activities appropriate for use in grades one-four. Standard normal sophomores. Miss McDonough.

204. **Physical Education for Elementary Schools.** One hour.
Games and rhythmic activities appropriate for use in grades five-eight. Standard normal sophomores. Miss McDonough.
205. **Intermediate Swimming.** One hour.
Two periods a week. Theory and practice of fundamental strokes and dives. Separate pools for men and for women. Miss Berryman, Mr. Fitch.
206. **Soccer and Speedball.** One hour.
Two periods a week. Theory and technique of play. A course in fundamentals. Separate sections for men and for women. Miss Robinson, Mr. Dandeleit.
207. **Archery and Tennis.** One hour.
Two periods a week. Theory and technique of play. A course in fundamentals. Separate sections for men and for women. Miss Berryman, Mr. Fitch.
208. **Games.** One hour.
Two periods a week. A repertoire of games of less highly organized type and making less demand on skill than games listed with specific title. Separate sections for men and for women. Miss Robinson, Mr. Fitch.
221. **Health Education.** Two hours.
A study of health problems as they relate to the classroom, to the individual pupil and to the school community. Mr. Dandeleit, Mr. Fitch, Mr. Gullickson.
304. **Creative Dancing.** One hour.
Two periods a week. Women. Analysis and technique of rhythm of body movement, with emphasis on natural interpretation and expression of variety of exercises. Miss Berryman.
305. **Advanced Dancing.** One hour.
Two periods a week. Women. Emphasis on advanced motor controls and growth in imagination and emotional capacity as expressed in advanced creative dance work. Elective. Prerequisite: Phys. Ed. 304. Miss Berryman.
306. **Tumbling.** One hour.
Two periods a week. Fundamentals and practice. Separate sections for men and for women. Miss Robinson, Mr. Fitch.
307. **Scouting.** One hour.
Two periods a week. Men: organization and administration of Boy Scout troops, badge tests, etc. Women: principles of Girl Scouts and Campfire organization. Miss Robinson, Mr. Dandeleit.

308. **Camping and Hiking.** One hour.
Two or more hours per week. Separate sections for men and for women. Lecture and lab. Problems in organization, food and shelter. Miss McDonough, Mr. Gullickson.
310. **Postural Gymnastics.** One hour.
Two periods per week. Laboratory work for men and for women in administering remedial exercises. Coordinating with Phys. Ed. 322. Miss Berryman, Mr. Gullickson.
311. **Physical Education for Secondary Schools.** One hour.
Two periods a week. Organization and practice of games especially appropriate for secondary schools. Juniors and seniors preparing to teach in secondary schools, but not majoring in physical education. Separate sections for men and for women. Miss McDonough, Mr. Fitch.
312. **Physical Education for Secondary Schools.** One hour.
Continuation of Phys. Ed. 311. Women do work in rhythmic activities. Miss McDonough, Mr. Fitch.
313. **Personal Hygiene.** Two hours.
The study of those phases of hygienic living which should be understood by all college students. Special emphasis placed on the personal aspects of hygiene. Miss Robinson, Mr. Dandeleit.
321. **Kinesiology.** Three hours.
The applied anatomy of the human musculature in relation to physical activity. Men and women. Mr. Fitch.
322. **Individual Gymnastics.** Three hours.
Theory of remedial exercises. Correlates with Phys. Ed. 310. Men and women. Miss Berryman.
403. **Advanced Swimming.** One hour.
Two periods a week. Separate pools for men and women. Diving, water stunts, games, high skill swimming, lifesaving exercises. Instruction and tests for Red Cross senior life saving certificates and emblem. Prerequisite: Approval of instructor.
405. **Folk Dancing and Clogging.** One hour.
Two periods a week. Men and women. Miss Robinson.
410. **Organization and Administration.** Two hours.
The study of procedures in the organization and administration of a physical education program. This includes purchase, care and uses of equipment. Coordinating the physical education program with the school system. Mr. Dandeleit.

421. **Advanced Practice and Officiating.** Two hours for men; one hour for women.
Separate sections for men and for women. Miss Robinson, Mr. Dandeleit, Mr. Fitch.
422. **Athletic Training.** Two hours.
Massage, conditioning, first aid and treatment of injuries. Both theory and practice. Men and women. Formerly listed as Phys. Ed. 222. Mr. Dandeleit.
440. **Physiology of Exercise.** Three hours.
Men and women. Follows Phys. Ed. 321. Mr. Fitch.
450. **Playground and Community Recreation.** Two hours.
Men and women. Theory and practice in organization and administration of such work. Mr. Dandeleit.

POLITICAL SCIENCE

201. **American National Government.** Three hours.
The organization, principles, and actual workings of American national government; the relation of the Federal government to the states; the organization and powers of the departments of the Federal government; parties of public opinion; recent trends in the expansion of Federal administrative functions. Especially adapted to needs of students preparing to meet the requirements for a state teacher's certificate. Not open to freshmen. Mr. Harris.
202. **State and Local Government.** Three hours.
A study of the organization and functions of the state legislature, executive, and judiciary; state constitutions; tendencies in state administrative reorganization; parties and elections; suffrage. A careful study of both state and local government in West Virginia. Not open to freshmen. Mr. Harris.
351. **Modern Governments.** Three hours.
A general survey of the organization and functioning of contemporary major European and neighboring American governments. The course is intended for prospective teachers who are interested in a broad general acquaintance with the political institutions and governmental practices of other countries. Mr. Harris.

SOCIAL STUDIES

101. **Social Studies.** Three hours.
The purpose of this course is to give the student a practical

understanding of the major civic problems facing the citizen. It endeavors to stimulate an interest in and prepare prospective teachers for further study in economics, sociology and government. Much emphasis is placed upon West Virginia problems and conditions. Mr. Harris.

102. **Social Studies.** Three hours.

A continuation of Social Studies 101. Mr. Harris.

103. **West Virginia History, Government and Geography.** Three hours.

An integrated course required on all elementary certificates. Miss Burgess.

MATHEMATICS

100. **Practical Arithmetic.** Two hours.

A required course for all elementary certificates.

THE COLLEGE OF ARTS AND SCIENCES

EDUCATION AND LIBERAL ARTS

In 1924, the State Board of Education, observing the rapid growth of Marshall College in student enrollment, considered the matter of broadening the program of studies and decided to set up a curriculum composed largely of liberal arts courses, leading to the degree of Bachelor of Arts. Many educators regard such courses as fundamental bases from which to prepare technically for other professions, and so in the following pages will be listed the names of the courses offered in the College of Arts and Sciences and a brief definition of the same.

The primary purpose of a liberal arts course is to acquaint the student "with what man has done, that is, history; with what he has thought, that is philosophy; with what he has found out, that is, science; with what man has created, that is, art; with what he has felt and expressed, that is, literature; and with what he has worshipped, that is, religion."

In 1938, the State Board of Education granted Marshall College the privilege of conferring the Bachelor of Science degree. Knowledge alone must not be the purpose and the end of education. Courses of study should produce students able to meet general occasions and not specific occasions alone. This requirement is best met by a liberal education and so the requirements for the Bachelor of Science degree and the requirements for the Bachelor of Arts degree do not differ widely. This means that one of the main purposes of the Arts and Science College is to educate rather than to train. Training belongs to the more specialized schools. The person best fitted for life is usually one who combines both these types of education.

REQUIREMENTS FOR ADMISSION

Fifteen units of high school work are required for entrance. Admission may be obtained by entrance examination, by certificate from an accredited secondary or high school, or by a properly certified transcript from a standard university, college, or normal school.

The College of Arts and Sciences offers courses leading either to the B. A. or to the B. S. degrees. According to the degree which he expects to receive the student will present for admission one or the other of the groups of prescribed subjects listed below. Those students expecting to major in Commerce, Botany, Physics, Chemistry, Zoology, Home Economics, Engineering, or Geology, should plan to prepare for the B. S. degree. All others plan to prepare for the B. A. degree.

B. A.		B. S.	
	Units		Units
English	3	English	3
Foreign Language.....	2	Algebra	1 or 1½
Social Studies	2	Geometry	1
Electives	8	Electives	10
	—		—
	15		15 or 15½
			(Foreign Language 2 units recommended)

RESTRICTIONS

No credit is allowed for less than one unit in a foreign language, chemistry, or physics.

No credit is allowed for penmanship or spelling as separate subjects.

Unless the school is organized on the hour recitation basis, subjects receive half credit.

ORGANIZATION

The various departments of the College of Arts and Sciences are grouped as follows:

Group A: Language, English, and the Arts.

English, Latin, French, Spanish, German, Greek, Art, Speech, Music, Physical Education, Bible.

Group B: Mathematics and the Natural Sciences.

Mathematics, Physics, Chemistry, Geology, Home Economics, Botany including Bacteriology, Zoology, Astronomy, Commerce.

Group C: History and the Social Sciences.

History, Sociology, Economics, Political Science, Journalism, Philosophy, Psychology, Geography, Education, Euthenics, and Civilization.

Through the requirement of a minimum number of hours from each group it is hoped that over-specialization will be avoided, while through the requirement of a maximum number of hours in a particular group an opportunity is afforded for intensive study in closely related subjects.

THE BACCALAUREATE DEGREE

The degree of Bachelor of Arts (B. A.) is conferred by Marshall College upon students who have completed a four-year course (128 hours) in the College of Arts and Sciences, and who major in Groups A or C. The degree of Bachelor of Science (B. S.) is conferred upon students who have completed a four-year course (128 hours) in the College of Arts and Sciences and who major in Group B. The term "hour" is used conventionally to signify one recitation a week throughout the semester of eighteen weeks, or an equivalent of that. A lecture or recitation is regularly fifty minutes in length, and the outside work of the student is estimated at an average of two hours for each class recitation. In laboratory work each exercise is approximately two hours in length, with outside study to make it as nearly as possible equivalent in its demands to the conventional "hour" defined above.

REQUIREMENTS FOR THE B. A. AND B. S. DEGREES

GENERAL REQUIREMENTS

- (1) Candidates for graduation must have at least as many quality points as hours to their credit.
- (2) Of the 128 hours required for graduation a total of 60 hours must be earned in cultural subjects. This will include all the subjects (except Physical Education) listed under the specific group requirements, as well as Geography, Music, Art and Bible.
- (3) Forty-eight hours must be earned in one group which will be designated as the student's major group, and at least 24 hours from a second group which will constitute the student's minor group.
- (4) In no one of the groups listed under "Organization" may more than 72 hours be credited toward the B. A. degree and 84 toward the B. S. degree.
- (5) Forty-eight hours must be earned in courses numbered 300-499.

- (6) All the specific requirements must be completed before the student is admitted to the senior year. Before admission to the junior year each student must show a "C" average for the first two years.
- (7) Candidates for the B. A. degree must take 20 semester hours in their field of concentration in courses numbered 200 and above in a department (or departments) with the advice of the chairman of the department in which they select most courses. This is not to be counted as a part of the required 60 hours in cultural subjects. An elementary or 100-199 course may not be counted toward the concentration requirement.
- (8) Not more than 8 hours of Education may be elected from the Teachers' College.
- (9) Half credit only will be allowed on required courses in the 100 series taken in the senior year unless a grade of B is attained.

SPECIFIC REQUIREMENTS FOR THE B. A. DEGREE

GROUP A:

I. English.

- a. English Composition 101 and 102 6 hrs.
 b. English Literature 107 and 108 4 hrs.
 c. English Literature 4 hrs.
 d. A proficiency test in public speaking will be given to all first semester freshmen; those failing will be required to take three hours in speech.

II. Foreign Language.

- a. Twelve hours must be earned in one foreign language. These hours may be earned either in a new language or in one already begun in high school. If a student enters deficient in one unit of foreign language he must present 16 hours for graduation; if he enters deficient in two units he must present 20 hours for graduation 12 hrs.

III. Physical Education 2 hrs.

GROUP B: Choose either a and d, b and d, or c and d.

I.

- a. Physics 8 hrs.
 b. Chemistry 8 hrs.
 c. 4-hr. lab. course in Botany and 4-hr. lab. course in Zoology 8 hrs.
 d. Mathematics or Geology 3 hrs.

GROUP C:

I. History, Economics or Political Science (in two)	9 hrs.
II. Psychology, Sociology or Philosophy (may be distributed)	9 hrs.
Total	57 hrs.

SPECIFIC REQUIREMENTS FOR THE B. S. DEGREE

GROUP A:

I. English.

a. English Composition 101 and 102	6 hrs.
b. English Literature 107 and 108	4 hrs.

II. Foreign Language.

a. Twelve hours must be earned in one foreign language. These hours may be earned either in a new language or in one already begun in high school	12 hrs.
Not required of Engineering and Commerce majors if two years of high school language has been presented. It is urgently recommended that all Commerce majors take at least twelve hours of college work in a foreign language, as such will be required in pursuit of all advanced degrees by graduate schools.	

III. Physical Education	2 hrs.
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GROUP B:

I.

a. Physics	8 hrs.
b. Chemistry	8 hrs.
c. 4-hr. lab. course in Botany and 4-hr. lab. course in Zoology	8 hrs.
d. Mathematics	6 hrs.

Total.....30 hrs.

Candidates for the B. S. degree must take the subjects mentioned under a, b, c, and d, with the following exception: Commerce majors are required to take only 8 hours from a, or b, or c, and 3 hours in Mathematics or Geology.

GROUP C:

I. History, Economics, or Political Science (in two)	9 hrs.
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II. Psychology, Sociology, or Philosophy (may be distributed) 9 hrs.

Total 72 hrs.

COMBINED COLLEGE AND PROFESSIONAL COURSES

A student wishing to study medicine, denistry, or law at a professional school may be granted a leave of absence during his senior year at Marshall College. At the end of the first year in the professional school the student then is eligible for the baccalaureate degree from Marshall College, providing that all requirements for graduation are met and that the student can present certification from the professional school that a sufficient number of semester hours of good quality work has been completed to total 128 when added to those earned at Marshall College.

Only 52 hours of study in the student's major group at Marshall College will count toward the degree. At least 96 hours of study must have been completed and 96 or more quality points earned by the student at Marshall College. To receive the degree the student must present himself at Marshall College at the proper time.

CURRICULUM PREPARATORY FOR MEDICINE

FIRST YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Chemistry 201	4	Chemistry 202	4
English 101	3	English 102	3
English 107	2	English 108	2
Zoology 110	4	Zoology 206	4
Foreign Language	3	Foreign Language	3
Physical Education 101	1	Physical Education 102	1

SECOND YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Chemistry 203	4	Chemistry 204	4
Physics 201	2 or 3	Physics 203	2 or 3
Physics 202	2	Physics 204	2
Foreign Language	3	Foreign Language	3
Electives	5 or 6	Electives	5 or 6
Recommended Electives:		Recommended Electives:	
Psychology 101		Psychology 308	
Speech 101		Speech 102	
Political Science 101 or 201		Political Science 102 or 202	
*Mathematics		*Mathematics	

*Six hours of Mathematics are required for B. S. degree.

THIRD YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Chemistry 301	4	Chemistry 302	4
Zoology 300	4	Zoology 301	4
Electives	8 or 9	Electives	8 or 9

FOURTH YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Chemistry 307	3 or 4	Chemistry 305	3 or 5
Zoology 305	4	Zoology 306	4
Botany 302	4	Electives	8 or 9
Electives	4 or 5		

Candidates for admission to the pre-medical work should include in their high school subjects: Latin 2 units, Mathematics 2 units (algebra 1, geometry 1), physics 1 or chemistry 1. Students are strongly urged to present also :French 2 units, or German 2 units, and botany 1 unit or zoology 1 unit.

The curriculum presented above is designed to meet the needs of students preparing to enter medical colleges which require two, three or four years of pre-medical preparation. It is highly desirable that freshmen indicate the medical college they intend to enter, since colleges vary somewhat in certain requirements. For example, the medical college of West Virginia University now requires 20 hours in chemistry and the medical college of Duke University requires 6 hours of mathematics and 10 hours of physics.

NOTE: Those pre-medics requiring ten hours of general physics may take Light Laboratory (Physics 305) or Heat Laboratory (Physics 309) for the extra two hours credit.

Special attention is called to the increasing tendency among the best medical colleges to require three or even four years of pre-medical preparation. In all colleges preference is given to those applicants having such preparation. Students are urged to plan their under-graduate work toward securing the B. S. degree. However, those students who plan to enter medical college with entrance requirements of only two years pre-medical work may arrange the curriculum so as to obtain the essential courses in two years of work. The curriculum is intended to serve as a guide and may be varied to suit the individual needs of the student.

In order to secure a recommendation to a medical college the student must earn as many credit points as hours, that is, he should have an average of at least C.

Students preparing to enter dental college should take a similar course, except that foreign language is not required usually. The ruling of the Dental Educational Council of America calls for six semester hours in each of the following: English, biology, physics, inorganic chemistry, and three semester hours of organic chemistry, and electives to make a total of sixty semester hours as preparation for three years in any leading school of dentistry.

CURRICULUM PREPARATORY FOR LAW

FIRST YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Political Science 101	2	Political Science 102	2
English 101	3	English 102	3
English 107	2	English 108	2
Language	3	Language	3
History 105	3	History 106	3
Physical Education	1	Physical Education	1
Elective	2	Elective	2

SECOND YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Economics 241	3	Economics 242	3
Political Science 201	3	Political Science 202	3
History 215	3	History 216	3
Language	3	Philosophy or	
Speech	2	Psychology	3
Elective	2	Elective	4

THIRD YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Economics	3	Economics	3
Political Science	6	Political Science	6
Philosophy or Psychology	3	Sociology	3
Elective	4	Elective	4

This curriculum is open to all students who have met the regular college entrance requirements. It is strongly recommended that the 15 units prescribed for entrance include 2 units in Latin and 2 units in social sciences, in addition to the required American history, civics, and mathematics.

The special curriculum prescribed and advised for the pre-law student has two purposes in view:

The first purpose is to meet the entrance requirements of any of the standard law schools, and with additional courses given in the junior and senior years, to meet the four-year requirements of other law schools.

The second purpose is to give the student the most necessary preliminary knowledge of new words and phrases, of old terms with prescribed and limited meaning, and of such new methods of study as will enable him to undertake the technical study of law with a greater degree of intelligence and understanding.

This curriculum also aims to give the student a foundation for a broad cultural background for his study and a thorough introduction to the current problems of the law as a social institution. To meet this purpose carefully selected courses in history, sociology, psychology, philosophy, political science, and economics are either prescribed or advised.

ENGINEERING

This department offers the freshman and sophomore years of engineering, upon the satisfactory completion of which the student may enter any engineering school with the rank of junior. (See below).

The Department of Engineering also cooperates with several departments in the College of Arts and Sciences to allow a student to secure a four year general course in Engineering Science. There are several curricula including the combination of Engineering and Chemistry, Engineering Physics, Engineering Administration, and Engineering Science. We have allowed from two to nine hours per semester elective, which enables the student to secure a general foundation in Engineering and combine it with those social studies as may best suit his interests. This general engineering education opens to the student one of the following: He would be prepared to secure permanent employment with industries which prefer men with a general engineering education plus a cultural background. Or, he may find temporary employment with the idea in mind of finding from actual experience, the line of specialization he might wish to follow.

Students interested in this type of course should have their college work planned under the supervision of the Engineering Department.

The Department of Engineering offers the first two years toward Aeronautical Engineering degree. Due to the wide variation in the curricula of various schools the student should have a definite program in mind at the time of registration. Students planning to enroll in this course should arrange a conference with the engineering advisor prior to registration..

ENGINEERING CURRICULUM

Freshman and Sophomore Years

FIRST YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Mathematics 122 and 223	6	Mathematics 224	4
Engineering 110	2	Engineering 111	1
English 101	3	English 102	3
Chemistry 201	4	Chemistry 202	4
Physical Education 101	1	Physical Education 102	1
Engineering Lectures 100	3	Engineering 201	2
	—	Engineering 208	3
	16½		—
			18

Summer Session—Shop Work—3-5 Hours

SECOND YEAR

Required in all courses

<i>First Semester</i>		<i>Second Semester</i>	
Mathematics 325	4	Mathematics 326	4
Physics 201 and 202	5	Physics 203 and 204	5
Economics 241	3	Engineering 306	3
	—		—
	12		12

Required in Electrical and Mechanical

Engineering 205	2	Engineering 209	4
Electives	4	Electives	2
	—		—
	6		6

Required in Civil and Mining

Engineering 207	2	Engineering 206	2
Engineering 202	4	Geology 225	3
	—	Electives	1
	6		—
			6

Required in Chemical

Chemistry 203	4	Chemistry 204	5
Engineering 205	2	Electives	1
	—		—
	6		6

Candidates for admission to this department must present a certificate of graduation from an accredited high school, with 15 units of credit. This work must include algebra $1\frac{1}{2}$ units, plane geometry 1 unit, solid geometry $\frac{1}{2}$ unit; and it should include 1 unit of physics and 2 units of one foreign language. High school students looking toward this profession are also advised to present credit for trigonometry, mechanical drawing, and shop work. Deficiencies in algebra and solid geometry may be made up in college. Students offering less than $1\frac{1}{2}$ units of algebra must make up the shortage before entering the class in college algebra by taking Mathematics 120. When credit in solid geometry is not offered, it must be made up before the beginning of the second year. The department endeavors to make such reasonable adjustments as may be necessary to meet individual needs. (See Requirements for Admission on page 107.)

A certificate (not a degree) is given on the completion of the two years of engineering work, provided the student has earned as many credit points as hours toward the engineering certificate.

The Engineering Department offers the first two years of college engineering work and the curriculum has been so arranged that it can be made to conform with any engineering college. A student who has satisfactorily completed the two years offered here may enter as a junior in any engineering college and receive credit, thereby making it possible for him to receive an engineering degree after two additional years in an engineering college. To gain entry as a junior in other schools the engineering advisor must know the selected college so that the curriculum can be altered to fit individual cases.

The Huntington Engineer's Club presents an annual award to the outstanding engineering student of Marshall College. It carries a certificate award together with some worthwhile engineering instruments that can be used later on in advanced engineering work. Open to sophomores only. No student can win it twice in succession.

PREPARATION FOR ENTRANCE TO SECOND YEAR OF FORESTRY SCHOOL

<i>First Semester</i>	<i>Second Semester</i>
English 101 _____ 3	English 102 _____ 3
Botany 203 _____ 4	Botany 204 _____ 4
Mathematics 122 _____ 3	Mathematics 223 _____ 3
Engineering 110 _____ 2	Engineering 201 _____ 2
Chemistry 201 _____ 4	Chemistry 202 _____ 4
Phys. Education 101 _____ 1	Phys. Education 102 _____ 1
—	—
17	17

The following is the recommended curriculum for Chemistry majors. In addition to the requirements of the College of Arts and Sciences for the Bachelor of Science degree, the Chemistry Department requires Mathematics through Analytical Geometry.

CURRICULUM FOR CHEMISTRY MAJORS

FIRST YEAR

<i>First Semester</i>		<i>Second Semester</i>	
English 101	3	English 102	3
English 107	2	English 108	2
French 121 or 251	3 or 2	French 122 or 252	3 or 2
Chemistry 201 or 101	4	Chemistry 202 or 102	4
Mathematics 120 or 121	3	Mathematics 122	3
Physical Education	1	Physical Education	1
	—		—
	16		16

SECOND YEAR

<i>First Semester</i>		<i>Second Semester</i>	
German 101	3	German 102	3
Speech 101	3	Chemistry 204	5
Chemistry 203	4	Mathematics 224	4
Mathematics 223	3	Physics 203 and 204	4
Physics 201 and 202	4		—
	—		16
	17		

THIRD YEAR

<i>First Semester</i>		<i>Second Semester</i>	
German 203	3	German 204	3
Chemistry 301	4	Chemistry 302	4
Botany 302	4	Zoology 205	4
Psychology 305	3	Philosophy 304	3
History 301	3	History 324	3
	—		—
	17		17

FOURTH YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Chemistry 307	4	Chemistry 305	5
Mathematics 325	4	Mathematics 326	4
Physics 300 and 301	5	Physics 301 and 303	5
Political Science 201	3	Psychology 307	3
	—		—
	16		17

CURRICULUM FOR PHYSICS MAJORS

FIRST YEAR

<i>First Semester</i>		<i>Second Semester</i>	
English 101	3	English 102	3
English 107	2	English 108	2
French 121	3	French 122	3
Physics 201	3	Physics 203	3
Physics 202	2	Physics 204	2
Mathematics 122	3	Mathematics 223	3
Physical Education 101	1	Physical Education 102	1
	17		17

SECOND YEAR

<i>First Semester</i>		<i>Second Semester</i>	
German 101	3	German 102	3
French 251	2	Chemistry 202	4
Chemistry 201	4	Mathematics 325	4
Mathematics 224	4	Physics 308	3
Physics 311	3	Physics 309	2
Physics 307	2		
	18		16

THIRD YEAR

<i>First Semester</i>		<i>Second Semester</i>	
German 203	3	German 204	3
Mathematics 326	4	Mathematics 435	3
Political Science 201	3	Political Science 333	3
Physics 306	3	Physics 302	3
Physics 300	3	Physics 303	2
Physics 301	2	Chemistry 204	4
	18		18

FOURTH YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Physics 304	3	Physics 305	2
Physics 402	2	Physics 400 or 401	3
Chemistry 307	3	Physics 402	2

German 313	2	Philosophy 304	3
Economics 241	3	Commerce 205	3
Psychology 305	3	Physics 310	3
	16		16

NOTE: If the student is unable to take one or more of the above courses on account of conflicts in his schedule, or the courses are not offered, he will substitute similar courses, which must be approved by the head of the Physics department.

COMMERCE CURRICULA

FIRST YEAR

First Semester

English 101	3 hrs.
English 107	2
*Language	3
Mathematics 120 or 223	3
**Commerce 103	2
Physical Education 101	1
Sociology 132	2 or
Elective	2

Second Semester

English 102	3 hrs.
English 108	2
*Language	3
Speech 101	3
**Commerce 104	2
Physical Education 102	1
Psychology 101	3 or
Elective	3

*Twelve hours of foreign language required unless student has had in high school two years of one language. It is recommended that all Commerce majors take at least twelve hours of foreign language in college as such will be required in pursuit of all advanced degrees later.

**Not open to students having had one year or more in typewriting.

SECOND YEAR

First Semester

*Commerce 201	4 or
Commerce 205	3
Commerce 215	3
Economics 241	3
Language	3
Botany 203 or 204	4

Second Semester

*Commerce 202	4 or
Geography 203	3
Commerce 216	3
Economics 242	3
Language	3
Zoology 205	4

*Not required of students specializing in Accounting. Not open to students having more than one unit of shorthand in high school.

FOR SECRETARIAL SPECIALISTS

THIRD YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Commerce 301	3	Commerce 302	3
Commerce 304	1	Commerce 305	1
*Sociology 300	3	*Commerce 205	3
History 217	3 or	History 216	3 or
Political Science 201	3	Political Science 202	3
Psychology 305	3 or	Elective in Group A or C ..	3
Geography 203	3		

*The secretarial student may be permitted to arrange the schedule so that Accounting may come in the third year by placing Sociology 300 and Commerce 205 in the second year.

FOURTH YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Commerce 404	3	Commerce 405	2
Commerce 340	3 or	Commerce 330	3 or
Economics 308	3	Economics 346 or elective ..	3
Psychology 414 or 302	3	Electives	8
Electives	7		

ACCOUNTING SPECIALISTS

THIRD YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Commerce 311	3	Commerce 312	3
Commerce 323	3	Commerce 324 or 315	3
Sociology 300	3	Psychology 305 or 302	3
Geology 225	3	Geology 312	3
Elective or Com. 313	3-4	Elective	3-4

FOURTH YEAR

<i>First Semester</i>		<i>Second Semester</i>	
Economics 308	3	Economics 310	3
Commerce 340	3	Commerce 330	3
Economics 346	3	Economics 403 or 441	3
History or Pol. Sci.	3	Commerce 316 or 434	3
Elective	3-4	Elective	3-4

PREPARATION REQUIRED FOR STUDENTS PLANNING TO BE HOSPITAL DIETITIANS

Students planning to prepare for positions as hospital dietitians must be graduates of a four-year college of approved standing. During their undergraduate years they must follow the courses prescribed by the American Dietetic Association for students applying for admission to graduate training courses. In 1935-1936 there were 55 hospitals in the United States and Canada giving approved graduate courses averaging about one year in length.

The required preparation is as follows:

	Semester Hours Required	Desirable but Optional Subjects
Chemistry (to include General, Organic and Physiological)	12-17	Physics, zoology or biology, and analytical chemistry.
Biology (to include Human Physiology and Bacteriology)	6-13	
Social Sciences (to include Psychology, Sociology, and Economics)	9-12	
Education	3	
Food Preparation (to include Meal Planning, Experimental Cookery, etc.)	6-8	
*Nutrition	6-8	
*Institution Management—Organization and management, Institution Buying, Institution Accounting, Quantity Cookery	6-9	

*The above group of requirements will be taught in cooperation with the local hospitals.

CURRICULUM PREPARATORY FOR NURSING AND HEALTH FIELDS

Students planning to enter the nursing field have a distinct advantage in larger hospitals if they have their college degree. Two schools of nursing (those of Western Reserve and Yale Universities) admit only college graduates.

Preference is usually given to students who have had good training in the sciences; including chemistry, biology, psychology, and sociology. Other recommended courses are: anatomy, physiology, bacteriology, social science, public health, economics (household), dietetics, English and modern languages.

One of the leading schools of nursing makes the following statements: "Opportunities for employment in both the hospital and the pub-

lic health nursing fields are steadily increasing—staff positions for the young graduate; teaching, supervisory, and administrative positions for the person of experience. Our students are placed as soon as they are graduated, and we cannot begin to fill the positions which are open. The number of students that we can admit each year is limited, and we frankly are looking for the finest young women available. We want them to be good students, but even more important, we want them to be of fine character—the kind you would trust in your family at time of crisis.”

The usual basic course in nursing is three years in length.

NOTE: *Technicians*—The requirements for technicians are in the main the same as those for nursing and health fields, except that Botany 302, (Bacteriology) must be included. Special emphasis should be placed on the physical sciences.

COURSES OF INSTRUCTION

ART

All Art courses may be taken by students in the College of Arts and Sciences for credit, with the exception of Art 100, 205, 206.

PROFESSIONAL ART COURSES

Two years foundation Art work is offered students in each of the following fields: Advertising Art, Interior Decorating, Landscape Gardening, Commercial Design, Architectural Design, Dress Design.

ASTRONOMY (Group B)

Assistant Professor McCaskey

301. **Descriptive Astronomy.** Two hours. (First semester).
A non-mathematical treatment so that the course is generally cultural.

BACTERIOLOGY (Group B)

Associate Professor Mudge

See Botany

BIBLE AND RELIGION (Group A)

Assistant Professor Hooper

206. **History and Literature of the New Testament.** Two hours. (First semester). Formerly Bible 202 and 211. Mr. Hooper.
A brief study of the origin of the gospels, the Life of Christ, and the New Testament Church.
210. **Old Testament History.** Two hours. (First semester). Mr. Hooper.
A history of the Hebrew people from the call of Abram to the overthrow of the kingdom in 586 B. C.
302. **Outlines of Church History.** Two hours. (First semester). Mr. Hooper.
Brief survey of the History of the Church from the first century to the present.
304. **The Teachings of Jesus.** Two hours. (Second semester). Mr. Hooper.
- *306. **Philosophy of Religion.** Two hours. (First semester). Mr. Hooper.
A study of the origin, nature, and function of religion in the modern world.
- *310. **The Hebrew Prophets.** Two hours. (Second semester). Mr. Hooper.

*Will not be given in 1939-1940.

BOTANY (Group B)

Professor Gilbert, Associate Professor Mudge.

A \$2.00 science fee will be charged for each laboratory course taken. This will be payable to the Treasurer with the enrollment fee and before a place in the laboratory is assigned.

203. **General Botany.** Four hours. (First semester). Mr. Gilbert.
Two lectures and two 2-hour laboratories each week.
A study of the structure and functions of the seed plant and its organs.
204. **Cryptogamic Botany.** Four hours. (Second semester). Formerly Systematic Botany. Mr. Gilbert.
Two lectures and two 2-hour laboratories each week.
This course gives a general acquaintance with the lower plants and is a useful foundation for students who intend to take up biology or medicine.
302. **General Bacteriology.** Four hours. (First and second semesters). Mrs. Mudge.
Two lectures and two 2-hour laboratories each week.
A general study of the bacteria, yeasts and moulds and intended to meet the needs for subsequent studies in domestic science, sanitation, and medicine.
305. **Economic Botany.** Three hours. (First semester). Mr. Gilbert.
A study, including the origin and history, of the plants useful to man.
402. **Advanced Bacteriology Laboratory.** Two hours. (First and second semesters). Mrs. Mudge.
Open only to a limited number of students.
- *403. **Mycology and Plant Pathology.** Four hours. (First semester). Mr. Gilbert.
A systematic study of the fungi and the diseases caused by them. Field trips planned for the first part of the semester.
Prerequisite: Botany 204.
404. **Plant Taxonomy.** Five hours. (Second semester). Mr. Gilbert.
Four lectures and one two-hour laboratory period each week.
The identification and classification of the flowering plants and ferns of eastern United States. Each student will prepare a small herbarium and field trips will be planned to introduce the student to methods of field work.

CHEMISTRY (Group B)

Professor Todd, Professor Bartlett,

Assistant Professor Moseley, Associate Professor Mudge.

A \$2.00 science fee will be charged for each laboratory course taken. This will be payable to the Treasurer with the enrollment fee and before a place in the laboratory is assigned.

101. **General Chemistry.** Four hours. (First semester). Mr. Moseley and Mrs. Mudge.
Prerequisite: Algebra.

*Will not be given in 1939-1940.

102. **General Chemistry.** Four hours. (Second semester). Mr. Moseley and Mrs. Mudge.
Prerequisite: Chemistry 101.
201. **Advanced General Chemistry.** Four hours. (First and second semesters). Mr. Todd, Mr. Bartlett, Mr. Moseley, Mrs. Mudge.
A study of the theories of general chemistry and the preparation, properties and uses of the non-metals.
Prerequisite: Algebra and high school chemistry.
202. **Advanced General Chemistry and Elementary Qualitative Analysis.** Four hours. (First and second semesters). Mr. Todd, Mr. Bartlett, Mr. Moseley, Mrs. Mudge.
A study of the theories of ionization, the periodic law and preparation, properties and uses of the metals.
Prerequisite: Chemistry 201.
203. **Qualitative Analysis.** Four hours. (First and second semesters). Mr. Todd, Mr. Moseley.
A study of weak and strong electrolytes, solubility product principle, hydrolysis and complex ions. The aim of the laboratory instruction is to acquire an understanding of the principles of analytical separations and to develop technique.
Prerequisite: Chemistry 102 or 202.
204. **Quantitative Analysis.** Four or five hours. (Second semester). Mr. Todd.
This course familiarizes the student with typical analyses and prepares the student for further analytical work. It includes volumetric and gravimetric analysis. Special emphasis is placed on the development of a quantitative technique in the analytical separations.
Prerequisites: Chemistry 202 or 203.
301. **Organic Chemistry.** Four hours. (First semester). Mr. Bartlett.
A study of the paraffin series and derivatives.
Prerequisite: Chemistry 202 or 203.
302. **Organic Chemistry.** Four hours. (Second semester). Mr. Bartlett.
A study of the unsaturated carbon compounds, the benzene series and their derivatives.
Prerequisite: Chemistry 301.
303. **Advanced Quantitative Analysis.** Four hours. (First and second semester). Mr. Todd.
One hour conference and six hours laboratory work per week.
The analytical work is designed to fit the needs and the desires of the student. It may include the complete analysis of limestone, gypsum and other minerals or the analysis of coal, water, drugs and food products.
Prerequisite: Chemistry 204.
305. **Physiological Chemistry.** Three or five hours. (Second semester). Mr. Todd.
A study of the essential foods, digestion, metabolism, the blood and the urine. This course is designed for pre-med students, home economics and students of dietetics.
Prerequisite: Chemistry 301.
307. **Elementary Physical Chemistry.** Three or four hours. (First semester). Mr. Todd.
A study of the physical theories of general chemistry emphasizing the biological and medical viewpoint.
Prerequisite: Physics, Analytical and Organic Chemistry.

- *309. **Industrial Chemistry.** Four hours. (First semester). Mr. Todd.
A study of the older and more basic industries such as the industries producing and using acids, alkalis, salts, coal, glass, etc.
Prerequisite: Chemistry 204.
- *310. **Industrial Chemistry.** Four hours. (Second semester). Mr. Todd.
A study of the newer industries such as the production and use of petroleum and its products, dyes, lacquers, resins, cellulose products, etc.
Prerequisite: Chemistry 309.
401. **Special Topics.** One to four hours. (First and second semesters).
For major students only. By members of the Chemistry staff. Work to consist of special problems in the field of inorganic, organic, physical, or physiological chemistry.
Prerequisite: Permission of the staff.
- *403. **Advanced Inorganic Chemistry.** Two hours. (First semester). Mr. Todd.
Open to seniors and graduates only.
Complex metallic compounds, Werner theory, the newer theories of valence and the compounds of the lesser known metals.
Prerequisites: Physics, Analytical and Organic Chemistry.
404. **Colloid Chemistry.** Two hours. (Second semester). Mr. Todd.
Open to seniors and graduates only.
A study of the behavior of colloidal solutions, inorganic and organic, from a chemical viewpoint.
Prerequisite: Chemistry 307.
411. **Physical Chemistry.** Three hours. (First semester). Mr. Todd.
Open to seniors and graduates only.
A general course in physical chemistry.
Prerequisites: Analytical and Organic Chemistry, Physics, and Integral Calculus.
412. **Physical Chemistry.** Three hours. (Second semester). Mr. Todd.
Open to seniors and graduates only.
A continuation of Chemistry 411.
Prerequisite: Chemistry 411.
413. **Experimental Physical Chemistry.** Two hours. (First semester). Mr. Todd.
Open to seniors and graduates only.
Experiments in viscosity, molecular weight determinations, vapor density, etc.
Prerequisite or parallel: Chemistry 411.
414. **Experimental Physical Chemistry.** Two hours. (Second semester). Mr. Todd.
Open to seniors and graduates only.
Experiments in rates of reaction, electromotive force, gas cells, salt effect, etc.
Prerequisite: Chemistry 413.

CIVILIZATION (Group C)

Professor Prichard, Associate Professor Fors,

Associate Professor Whitsel.

306. **Hispanic Culture.** Two hours. (Second semester). Mr. Fors.
No knowledge of Spanish is required.

*Will not be given in 1939-1940.

318. **Mythology.** Two hours. (First and second semesters). Miss Prichard.
No knowledge of Latin required.
320. **Latin Literature in Translation.** Two hours. (Second semester). Formerly Latin 320. Miss Whitset.
No knowledge of Latin required.
335. **Hellenic Civilization.** Three hours. (First semester). Miss Prichard.
No knowledge of Greek required.
336. **Roman Civilization.** Three hours. (Second semester). Miss Prichard.
No knowledge of Latin required.

COMMERCE (Group B)

Professor Wolfard, Instructor Brown, Instructor Dwight.

103. **Typewriting.** Two hours. (First semester). Mrs. Dwight.
Development of proper technique in operation of typewriter by touch method. No credit if student has had one year of typewriting in high school.
104. **Typewriting.** Two hours. (Second semester). Continuation of Commerce 103. Mrs. Dwight.
Business letter forms, tabulation, development of speed. No credit if student has had two years of typewriting in high school.
201. **Shorthand-Typewriting.** Four hours. (First semester). Mrs. Dwight.
Fundamental principles of Gregg shorthand. Increased facility in use of typewriter; writing of business and legal forms.
202. **Shorthand-Typewriting.** Four hours. (Second semester). Mrs. Dwight.
Continuation of Commerce 201.
Elementary business letter dictation. Transcription.
205. **Commercial Law.** Three hours. (First and second semesters). Mr. Wolfard.
Study of the laws of business dealing; Contracts, Torts, Agency, Sales and Bailment, Insurance, Partnership, Corporation and Property. State codes and case material used.
206. **Law of Contract.** Two hours. (First semester). Mr. Norton.
Designed for evening class and extension course.
207. **Law of Property.** Two hours. (Second semester). Mr. Norton.
Continuation of Commerce 206.
For those taking 205, no credit is given for Commerce 206 and 207.
215. **Principles of Accounting.** Three hours. (First semester). Mr. Brown.
Fundamental principles involving simple transactions, accounts, books and statements; adjustments.

216. **Principles of Accounting.** Three hours. (Second semester). Mr. Brown.
Business documents; first principles of partnership and corporation accounts, voucher system, statements.
Prerequisite: Commerce 215.
231. **Principles of Selling.** Two hours. (First and second semesters). Mr. Wolfard.
Elements in successful selling; knowledge, personality, pre-approach standardized canvass, relationships to management.
301. **Advanced Dictation.** Three hours. (First semester). Mrs. Dwight.
Development of speed in taking of difficult matter; advanced phrase writing.
302. **Advanced Dictation and Court Reporting.** Three hours. (Second semester). Mrs. Dwight.
Reporting of addresses; legal procedure and vocabulary. Speed of 150 should be attained.
304. **Filing.** One hour. (Second semester—first half). Mrs. Dwight.
Basic principles of indexing and filing. Practice in the operation of the common filing systems.
305. **Machine Operation.** One hour. (Second semester—second half). Mrs. Dwight.
311. **Advanced Accounting.** Three hours. (First semester). Mr. Brown.
Working papers; forms of statements; corporation accounts; principles of asset valuation; depreciation; installment sales; consignments.
Prerequisite: Commerce 216.
312. **Advanced Accounting.** Three hours. (Second semester). Mr. Brown.
Liabilities surplus and reserves; analysis of financial statements; application of funds; partnership problems; liquidation.
Prerequisite: Commerce 311.
- *315. **Cost Accounting.** Three hours. (Second semester). Mr. Brown.
Departmental process, sequential and job lot costs; cost records and procedures; disposition of burden.
Prerequisite: Commerce 311.
316. **Auditing.** Three hours. (Second semester). Mr. Brown.
Auditing theory and procedure; preparation of working papers and reports; legal and social responsibilities of the auditor.
Prerequisite: Commerce 315 and 312.
323. **Principles of Business Finance.** Three hours. (First semester). Mr. Brown.
Forms of business organization; development and nature of the corporation; instruments of corporate finance, promotion; sale of corporate securities.
Prerequisite: Economics 242 and Commerce 216.
324. **Principles of Business Finance.** Three hours. (Second semester). Mr. Brown.
Financing ordinary operations of business organizations; combination and expansion of business units; corporate dissolution and reorganization; social aspects of business finance.
Prerequisite: Commerce 323.

330. **Principles of Advertising.** Three hours. (Second semester). Mr. Wolfard.
Introduction to the field of advertising, principles of copy, layout and display, and elements of construction.
Prerequisite: Commerce 231 and Prof. Art 213.
340. **Principles of Marketing.** Three hours. (First semester). Mr. Wolfard.
Intensive study of market functions, channels through which goods move, wholesale and retail institutions, and market costs. Survey of standardization, market news, and relations to state.
Prerequisite: Commerce 231.
404. **Secretarial Training.** Three hours. (First semester). Mrs. Dwight.
Training in the duties of a private secretary, such as handling correspondence without dictation, managing office callers, report writing, supervisory duties.
Prerequisite: Com. 201-202 and English 101-102 or 103.
405. **Office Practice.** Two hours. (Second semester). Mrs. Dwight.
Theory of office management. Practical experience in office work.
Prerequisite: Commerce 404.
- *434. **Investments.** Three hours. (Second semester). Mr. Brown.
The nature, forms and principles of investment; institutions for facilitating investment.

ECONOMICS (Group C)

Professor Wolfard, Associate Professor Olson.

241. **Principles of Economics.** Three hours. (First semester). Mr. Olson.
Principles and problems associated with the production, exchange, and distribution of wealth. Not open to freshmen.
242. **Principles of Economics.** Three hours. (Second semester). Mr. Olson.
Prerequisite: Economics 241.
308. **Money, Credit, and Prices.** Three hours. (First semester). Mr. Wolfard.
An intensive study of the principles of money and credit with an analysis of their effects on prices.
Prerequisite: Economics 241 and 242.
310. **Principles of Banking.** Three hours. (Second semester). Mr. Wolfard.
A general survey of various banking institutions; savings, investment, agricultural, trust and commercial banks; central banks and the Federal Reserve System.
Prerequisite: Economics 241 and 242.
347. **Economic Problems.** Three hours. (Formerly Economics 346). (First semester). Mr. Olson.
A study of American economic problems, with special reference to the status of labor.
Prerequisite: Economics 241 and 242.

*Will not be given in 1939-1940.

- 403. Public Finance.** Three hours. (Second semester). Mr. Olson.
The theory and practice of governmental expenditures and taxation, including a study of the West Virginia tax system.
Prerequisite: Economics 241 and 242.
- *442. Economic Thought.** Three hours. (Formerly Economics 441). (Second semester). Mr. Olson.
An analysis of the origin and development of economic theories.
Prerequisite: Economics 241 and 242.
Open to juniors and seniors only.

ENGINEERING

Assistant Professor McCaskey, Instructor Simons, Visiting Instructor Schurman, Visiting Instructor Zell.

- 100. Engineering Lectures.** One-half hour. (First semester). Mr. McCaskey.
Required of all freshmen in engineering. A series of weekly lectures designed to acquaint the engineering student with this engineering profession.
- 110. Mechanical Drawing.** Two hours. (First and second semesters). Mr. McCaskey and Mr. Simons.
Two 8-hour laboratory periods each week. Care and use of drawing instruments, lettering, mechanical and perspective drawing and tracing.
- 111. Mechanical Drawing.** One hour. (First and second semesters). Mr. Simons and assistant.
One 8-hour laboratory each week. Orthographic projection, practical problems using working drawings.
Prerequisite: Engineering 110.
- 200. Machine Work.** Three hours. (Summer only). Meets eight hours a day for a period of three weeks at the close of school. Mr. Schurman.
Includes the use of metal lathe, drill press, shaper, fundamentals of foundry, and welding.
- 201. Plane Surveying.** Two hours. (Second semester). Mr. McCaskey and assistant.
One hour recitation and three hours laboratory each week. Methods of using the tape, level and transit in making plane surveys.
Prerequisites: Engineering 110 and Mathematics 122.
- 202. Advanced Surveying.** Four hours. (First semester). Mr. McCaskey.
Three hours recitation and three hours laboratory each week. City and topographic surveys. Field and office work.
Prerequisite: Engineering 201.
- 203. Engineering Problems.** One hour. (First semester). Mr. Simons.
An elementary course in the analysis of simple engineering problems and the application of mathematics to their solution. To train the student in recording engineering computations.
Prerequisites: Mathematics 122 and 223 and Engineering 100.

204. **Engineering Problems.** One hour. (Second semester). Mr. Simons.
Prerequisite: Engineering 203.
205. **Empirical Design.** Two hours. (First semester). Mr. Simons.
Advanced work in mechanical drawing for mechanical engineers, the study and use of standard parts and the application of the empirical method to the proportioning of common machine parts.
Prerequisite: Engineering 111.
206. **Route Surveying.** Two hours. (Formerly Railroad Curves). (Second semester). Mr. McCaskey.
A study of simple, compound, and spiral curves, earth work, etc.
Prerequisite: Engineering 201.
207. **Structural Drawing.** Two hours. (First semester). Mr. McCaskey.
For civil engineers. Steel details and structures.
Prerequisite: Engineering 111.
208. **Descriptive Geometry.** Three hours. (First and second semesters). Mr. Simons and assistant.
209. **Mechanism.** Four hours. (Second semester). Mr. Simons.
Two lectures and two 3-hour laboratory periods each week. Theory of Mechanism.
Prerequisite: Engineering 205.
210. **Gas Welding.** One hour.
211. **Electric Welding.** One hour.
A study of the methods and practice of welding. One 3-hour laboratory.
306. **Analytical Mechanics. (Statics).** Three hours. (First and second semesters). Mr. McCaskey.
Three lectures each week. Statics of material point and rigid bodies by graphic and algebraic methods of analysis; chains and cords; centers of gravity; moments of inertia of plane figures.
Prerequisite: Registration in Mathematics 326.
307. **Mechanics of Materials.** Four hours. (First semester). Mr. McCaskey.
Strength of materials, shear and moment diagrams, stresses in shafts, beams and columns, combined stresses, deflection, reinforced concrete beams, etc.
Prerequisite: Engineering 306.
308. **Statically Determinate Structures.** Four hours. (Second semester).
Design of steel and timber structures. Special emphasis on design and detailing of steel roof truss. Study of structural engineering theory and practice.
Prerequisite: Engineering 307.
310. **Mechanics Laboratory.** Two hours. (Second semester).
Two 2-hour laboratory periods. Experiments in statics, kinetics, and strength of materials.
- *400. **Kinetics.** Three hours. (Second semester).
Three lectures each week. Development of the laws of moving bodies; work and energy; relative motion; principles of rotating masses. An elementary study of dynamics in general.
- *401. **Hydraulics.** Three hours.
Three lectures each week. A study of the mechanics of fluids.

- *402. **Materials of Construction.** Two hours.
Two lectures each week. A study of the properties of building materials.

ENGLISH (Group A)

Professor Halley, Associate Professor Stoakes, Associate Professor Blesi, Assistant Professor Ogden, Assistant Professor Williamson.
Instructor Stender, Graduate Assistant Royer.

101. **Composition.** Three hours. (First and second semesters). Staff.
Required of all freshmen in the College of Arts and Sciences.
102. **Composition.** Three hours. (First and second semesters). Staff.
Prerequisite: English 101.
Required of all freshmen in the College of Arts and Sciences.
107. **English Literature, (to 1800).** Two hours. (First and second semesters). Staff.
Required of all freshmen in the College of Arts and Sciences.
108. **English Literature, (1800 to present).** Two hours. (First and second semesters). Staff.
Prerequisite: English 107.
Required of all freshmen in the College of Arts and Sciences.
241. **American Literature to 1870.** Two hours. (First semester).
Formerly English 211. Mr. Ogden.
An intensive study of the work of the major poetic movements since 1870.
Prerequisite: English 108 or 208.
242. **American Literature since 1870.** Two hours. (Second semester).
Formerly English 212. Mr. Ogden.
A study, chiefly, of the prose work of Emerson, Lowell, Holmes and the other important non-fiction writers with some consideration of the short story, particularly of Poe and Hawthorne. The novel is not included.
Prerequisite: English 108 or 208.
231. **Creative Writing.** Two hours. (First semester). Mr. Stender.
Prerequisite: English 102.
300. **Pre-Shakespearean Drama.** Three hours. (Second semester).
Mr. Halley.
From the beginning up to but exclusive of Shakespeare.
Prerequisite: English 108 or 208.
301. **Shakespeare—Comedies.** Two hours. (First semester). Mr. Halley.
Six or seven of the most important comedies will be intensively studied.
Prerequisite: English 108 or 208. English 300 advised.
302. **Elizabethan Drama.** Three hours. (First semester). Mr. Ogden.
The most significant work of Shakespeare's contemporaries and successors to the close of the theater in 1642. About eighteen plays are read and comparisons and development as well as the decline of the drama are presented.
Prerequisite: English 108 or 208.

304. **Shakespeare — Tragedies.** Three hours. (Second semester). Mr. Halley.
Six or seven of the most important tragedies will be intensively studied.
Prerequisite: English 108 or 208. English 300 or 301 advised.
305. **Tennyson.** Three hours. (First semester). Mr. Halley.
The most important poems of Tennyson will be studied, including "In Memoriam," "The Idylls of the King," and "The Princess."
306. **The Victorian Period.** Three hours. (Second semester). Mr. Stoakes.
A survey of the poetry and prose, exclusive of the novel, of the period from 1830 to 1900. The main authors studied are Tennyson, the Brownings, Carlyle, Ruskin, Swinburne, and Hardy.
Prerequisite: English 108 or 208.
307. **Modern Drama.** Three hours. (Second semester). Mr. Stoakes.
A survey of modern European and American drama from Ibsen to the present.
Prerequisite: English 108 or 208.
310. **Milton.** Three hours. (First semester). Mr. Halley.
Special attention will be paid to "Paradise Lost." The complete poems of Milton will be studied.
Prerequisite: English 108 or 208.
311. **Carlyle.** Three hours. (Second semester). Mr. Halley.
Special attention will be given to "Sartor Resartus."
Prerequisite: English 108 or 208.
315. **Poetry and Prose of the Renaissance.** Three hours. (First semester). Mr. Blesi.
The purpose of this course is twofold: to trace the more significant tendencies in English poetry and prose during the 15th and 16th centuries, and to study the non-dramatic work of the chief writers of the period.
Prerequisite: English 108 or 208.
318. **Browning.** Three hours. (Second semester). Mr. Halley.
The most important poems of Browning, including "The Ring and the Book," "Paracelsus," and "Fifine at the Fair," will be studied.
Prerequisites: English 108 or 208.
320. **A Study of Poetry.** Two hours. (Second semester). Mr. Halley.
Poetic technique, theory of poetry and poetic composition.
Prerequisite: English 108 or 208 and at least one course in poetry.
321. **Wordsworth and Keats.** Three hours. (First semester). Mr. Halley.
A study of the chief works of Wordsworth and Keats in relation to the Classical School and the Romantic School.
Prerequisite: English 108 or 208.
329. **The Modern English Novel.** Three hours. (First semester). Mr. Stoakes.
A survey of the English novel from 1850 to the present. The novelists studied are: Thackeray, Eliot, Hardy, Butler, Galsworthy, Bennett, Lawrence, Douglas, Woolf, and Huxley.
Prerequisite: English 108 or 208.
331. **The Short Story.** Two hours. (Second semester). Mr. Stender.
Prerequisite: English 102.
344. **The Romantic Period.** Three hours. (First semester). Mr. Stoakes.
A survey, chiefly of the poetry, of the period from 1775 to 1830. The main

authors studied are: Burns, Wordsworth, Coleridge, Byron, Shelley, Keats, Lamb, and DeQuincey.
Prerequisite: English 108 or 208.

378. **English Literature of the Middle Ages.** Two hours. (Second semester). Mr. Blesi.

Early English literature and some of the writings of the 15th and 16th centuries; with parallel readings in other works that explain mediaeval life and times. The reading is in translation.
Prerequisite: English 108 or 208.

409. **The Seventeenth Century.** Three hours. (First semester). Mr. Blesi.

A survey of the poetry and prose of the period from Ben Johnson to Dryden. The Restoration drama will be carefully studied.
Prerequisite: English 108 or 208.

410. **The Eighteenth Century.** Three hours. (Second semester). Formerly English 309. Mr. Blesi.

Beginning with the earlier poets of the 18th century and extending to Blake. Special emphasis upon the major novelists of the period. Historical background will be carefully studied.
Prerequisite: English 108 or 208.

411. **Chaucer.** Three hours. (First semester). Mr. Halley.

Special attention to the "Canterbury Tales," and the age of Chaucer.
Prerequisite: English 108 or 208. Open to juniors and seniors.

FRENCH (Group A)

Professor Stevenson, Assistant Professor Martin,
Graduate Assistant Riegner.

121. **First Year French.** Three hours. (First semester). Mr. Martin and Miss Riegner.

No credit for French 121 without French 122.

122. **First Year French.** Three hours. (Second semester). Mr. Martin and Miss Riegner.

Continuation of French 121.

Prerequisite: French 121 or one unit high school French.

223. **Modern French Fiction Since 1800.** Three hours. (First semester). Miss Stevenson.

Prerequisite: French 122 or two units high school French.

224. **Modern French Drama (1830-1920).** Three hours. (Second semester). Miss Stevenson.

Prerequisite: French 223 or three units high school French.

251. **Advanced Grammar and Composition.** Two hours. (First semester). Mr. Martin.

Prerequisite: French 122 or two units high school French.

252. **Advanced Grammar and Composition.** Two hours. (Second Semester). Mr. Martin.

Prerequisite: French 251.

327. **Seventeenth Century Literature.** Three hours. (First semester). Miss Stevenson.
Prerequisite: French 224.
328. **Seventeenth Century Literature.** Three hours. (Second semester). Miss Stevenson.
Continuation of French 327.
351. **Phonetics and Oral French.** Two hours. (First semester). Miss Stevenson.
Prerequisite: French 224 or 252.
352. **Phonetics and Oral French.** Two hours. (Second semester). Miss Stevenson.
Prerequisite: French 351.
355. **French Civilization and Culture.** Two hours. (First semester). Miss Stevenson.
Prerequisite: French 224 or 252.
357. **Explication des Textes.** Two hours. (Second semester). Miss Stevenson.
Prerequisite: French 224 or 252.
425. **Eighteenth Century Literature.** Three hours. (First semester). Miss Stevenson.
Prerequisite: French 328.
426. **Eighteenth Century Literature.** Three hours. (Second semester). Miss Stevenson.
Prerequisite: French 425.
- *437. **Romantic Drama.** Three hours. (First semester). Miss Stevenson.
Prerequisite: French 328.
- *438. **Romantic Drama.** Three hours. (Second semester). Miss Stevenson.
Continuation of French 437.

GEOLOGY (Group B)

Assistant Professor Chapman

A \$2.00 science fee will be charged for each laboratory course taken. This will be payable to the Treasurer with the enrollment fee and before a place in the laboratory is assigned.

211. **Meteorology.** Three hours. (Second semester). Mr. Chapman.
A study of the atmosphere and its phenomena, and the ways by which weather and climatic cycles are brought about. Practice is afforded in forecasting weather from synoptic charts.

*Will not be given in 1939-1940.

- 225. General Geology (Introductory).** Three hours. (First and second semesters). Mr. Chapman.
A study of the nature of our earth, and the various geologic agents and processes which are continually modifying its surface.
- 312. Historical Geology.** Three hours. (First and second semesters). Mr. Chapman.
A general study of the geologic history of the earth with reference to the development of continents and the evolution of life.
- 316. Economic Geology I.** Three hours. (First semester). Mr. Chapman.
A study of the nature, origin, distribution, and uses of the non-metallic mineral deposits.
Prerequisite: Geology 225 and one semester of chemistry.
- 317. Economic Geology II.** Three hours. (Second semester). Mr. Chapman.
A study of the nature, origin, distribution, and uses of the metallic mineral deposits.
Prerequisite: Geology 225 and one semester of chemistry.
- 321. Petrology.** Three hours. (Second semester). Mr. Chapman.
A study of the nature and origin of igneous, sedimentary, and metamorphic rocks. Training will be afforded in elementary geologic field mapping.
Prerequisite: Geology 225 and one semester chemistry.
- 350. Geology of the United States.** Three hours. (First semester). Mr. Chapman.
A comprehensive study of the physiographic features and geologic structures of the United States.
Prerequisite: Geology 225 or 312.
- 400. Special Topics.** One to four hours. (First and second semesters). Mr. Chapman.
Geology majors only.
Research and special problems in the field of geology.
Prerequisite: Permission of instructor.

GERMAN (Group A)

Assistant Professor Murdock, Associate Professor Whitsel.

- 101. Beginners' Course.** Three hours. (First and second semesters). Staff.
No credit for 101 without 102.
- 102. Beginners' Course.** Three hours. (First and second semesters). Staff.
Prerequisite: German 101 or one unit high school German.
- 203. Reading, Composition, Conversation.** Three hours. (First and second semesters). Staff.
Prerequisite: German 102 or equivalent.
- 204. Reading, Composition, Conversation.** Three hours. (Second semester). Staff.

The preceding four courses or reading knowledge of German are prerequisite for any of the following courses.

- *303-304. **Nineteenth Century Literature.** Three hours each. Literature of the 19th and 20th centuries. (First and second semesters). Mr. Murdock.
- *305. **Conversation and Advanced Grammar.** Two hours. (Second semester). Mr. Murdock.
Prerequisite: Consent of instructor.
307. **Faust.** Three hours. Reading of Goethe's Faust Part I, and consideration of the Faust Legend. The Faust Theme in Literature. (First semester). Mr. Murdock.
308. **Faust.** Three hours. Continuation of 307. Reading of Faust Part II. (Second semester). Mr. Murdock.
313. **Scientific German.** Two hours. (First semester). Mr. Murdock.
315. **Modern Drama. German Dramas since 1889.** Two hours. (Second semester). Mr. Murdock.
Prerequisite: Permission of the instructor.
- *401-402. **The Classical Period, Lessing, Schiller and Goethe.** Two hours each. (First and second semesters). Mr. Murdock.
- *403. **Historical Study of the German Language. Introduction to German Linguistics.** Three hours. (First semester). Mr. Murdock.
450. **Reading for Honors.** A tutorial course. Maximum credit, three hours. (Second semester). Staff.
Prerequisite: Consent of the head of the department.

GREEK (Group A)

Professor Prichard, Associate Professor Whitsel.

- 201-202. **Beginners' Course.** Three hours each. (First and second semesters). Miss Whitsel.
No credit given for 201 without 202.
- 301-302. **Selections from Homer.** Three hours each. (First and second semesters). Miss Whitsel.
Prerequisite: Greek 201-202.
- *303-304. **Selections from Greek Tragedy.** Two hours each. (First and second semesters). Miss Whitsel.
Given on request only.

HISTORY (Group C)

Professor Largent and Professor Klinger.

105. **English History to 1660.** Three hours. (First and second semesters). Mr. Largent.
106. **English History since 1660.** Three hours. (First and second semesters). Mr. Largent.
121. **Ancient and Medieval Civilization.** Three hours. (First semester). Mr. Klinger.
122. **Modern European History since the 15th Century.** Three hours. (Second semester). Mr. Klinger.
215. **American History, 1492-1789.** Three hours. (First semester). Mr. Largent.
216. **American History, 1789,1865.** Three hours. (Second semester). Mr. Largent.
217. **American History, 1865 to the Present.** Three hours. (First semester). Mr. Klinger.
301. **Hispanic America.** Three hours. (First semester). Mr. Toole.
A survey of the origins and the development of Hispanic American Institutions; social, economic, educational, religious, and political. Emphasis will be placed on the national period with special attention given to the relations of the Hispanic American countries with the United States.
This course is a prerequisite to Political Science 311.
324. **History of the American Frontier.** Three hours. (Second semester). Mr. Klinger.
401. **American History.** Three hours. (First semester). Formerly History 333. Mr. Largent.
Open to seniors and graduates only.
The South. The social, economic, religious, political and intellectual development of the Southland from the colonial period to the downfall of the Confederacy with special attention to the "southern way of life" in the middle years of the nineteenth century.
402. **American Diplomacy.** Three hours. (Second semester). Formerly History 350. Mr. Largent.
Open to seniors and graduates only.
The principles and policies guiding American diplomacy in its various stages of development, the methods commonly employed, and the personalities of leading American diplomats.
421. **The Era of the Renaissance and the Reformation.** Three hours. (First semester). Mr. Klinger.
Open to seniors and graduates only.
422. **The French Revolution and the Napoleonic Era.** Three hours. (Second semester). Mr. Klinger.
Open to seniors and graduates only.

425. **European History, 1815-1914.** Three hours. (First semester). Mr. Klingler.
Open to seniors and graduates only.
426. **European History, 1914 to the Present.** Three hours. (Second semester). Mr. Klingler.
Open to seniors and graduates only.

JOURNALISM (Group C)

Professor Pitt, Assistant Professor Pinckard, Instructor Stender,
Graduate Assistant Lee.

101. **Survey of Journalism.** Two hours. (First and second semesters). Miss Lee.
A study of the elementary principles of journalism as exemplified by leading American newspapers.
For students who have not studied journalism or had newspaper experience.
- 201-202. **Reporting.** Three hours each. (First and second semesters). Mr. Pitt.
Theory and practice in gathering and writing news.
- 210-211. **History of American Journalism.** Two hours each. (First and second semesters). Mr. Pinckard.
Given in alternate years.
- 301-302. **Copy Reading, Editing.** Three hours each. (First and second semesters). Mr. Stender.
Theory and practice in writing headlines, editing copy, and makeup.
Open to students who have had Journalism 201-202 or their equivalent.
- *304-305. **Editorial Writing.** Two hours each. (First and second semesters). Mr. Pinckard.
A study of contemporary editorials and practice in writing editorials.
Given in alternate years.
306. **Advanced Reporting.** Three hours. (First semester). Mr. Pitt.
Prerequisite: Journalism 201-202 or their equivalent.
307. **Special Articles.** Three hours. (Second semester). Mr. Pitt.
A study of contemporary magazine and newspaper articles and practice in writing articles.
- 308-309. **Feature Writing.** Two hours each. (First and second semesters). Mr. Pitt.
Practice in writing news features for publication in local newspapers.
- 320-321. **Book Reviewing.** Two hours. (First and second semesters). Mr. Pinckard.
A study of modern literary criticism and practice in writing reviews.
341. **Psychology of News Interest.** Two hours. (First semester). Mr. Pitt.
A classification of news with analyses of the effects of various types of news and the reasons for their publication.

- *353. **Special Departments.** Two hours. (First semester). Mr. Stender.
A detailed study of the specialized work of various departments of American newspapers.
Given in alternate years.
355. **News Photography.** Two hours. (First semester). Mr. Pinckard, Mr. Moseley.
A study of methods in taking pictures for newspapers with practice in photography, developing, and printing.
Prerequisite: Journalism 201-202 or its equivalent.
381. **Newspaper Advertising Practices.** Three hours. (First semester). Mr. Pitt.
The fundamentals of advertising as applied to newspapers. A study of advertising campaigns, public appeal, and costs.
328. **Advertising Copy and Layout.** Three hours. (Second semester). Mr. Pitt.
A study of copy and layouts, especially as applied to newspapers. Practical experience in advertising departments of local firms and newspapers. Emphasis on writing.
402. **Law of the Press.** Two hours. (Second semester). Mr. Pitt.
A technical case study of laws pertaining to the press.
- *405. **Ethics of Journalism.** Two hours. (Second semester). Mr. Stender.
An examination and description of newspaper practices from an ethical point of view.
Given in alternate years.
410. **Journalism Seminar.** Two hours. (First semester). Mr. Pitt.
For journalism majors only.

LATIN (Group A)

Professor Prichard, Associate Professor Whitsel.

- 111-112. **Beginning Course.** Three hours. (First and second semesters). Miss Prichard.
No credit for 111 without 112.
115. **Caesar: Gallic Wars.** Three hours. (First semester). Miss Prichard.
Prerequisite: One unit high school Latin.
203. **Cicero: Selected Orations.** Three hours. (First or second semesters). Miss Whitsel.
Prerequisite: Two units high school Latin.
204. **Cicero. De Amicitia, De Senectute.** Three hours. (First or second semesters). Miss Whitsel.
- 214-215. **Vergil's Aeneid, I-VI.** Three hours. (First and second semesters). Miss Prichard.
Prerequisite: Three units high school Latin.

*Will not be given in 1939-1940.

306. **Selections from Horace.** Three hours. (Second semester). Formerly Latin 308 and 310. Miss Prichard.
307. **Cicero: Selections from His Letters.** Three hours. (First semester). Miss Prichard.
Prerequisite: Four units high school Latin. Given in alternate years.
- *309. **Livy: Selections from His History.** Three hours. (First semester). Miss Prichard.
Prerequisite: Four units high school Latin.
311. **Studies in Elegiac Poetry (Augustan).** Three hours. (Second semester). Miss Prichard.
312. **Tacitus: Annals.** Three hours. (Second semester). Miss Whitsel.
Prerequisite: Four units of Latin.
- *327. **Advanced Prose Composition.** Three hours. (First semester). Formerly Latin 201 and 328. Miss Prichard.
Prerequisite: Two courses above 300.
- *401. **Juvenal, Pliny and Martial.** Three hours. (First semester). Miss Whitsel.
- *402. **Vergil's Aeneid, Books VII-XII.** Three hours. (Second semester). Miss Prichard.
403. **The Roman Stage.** Three hours. (First semester). Miss Whitsel.

MATHEMATICS (Group B)

Professor Hackney, Professor DeNoon, Assistant Professor Dove.

120. **Algebra.** Three hours. (First and second semesters). Miss DeNoon, Mr. Dove.
Factoring, fractions, systems of equations, exponents, quadratic equations. No credit if taken by students offering $1\frac{1}{2}$ units of algebra for entrance.
Prerequisite: Algebra, one unit.
121. **Solid Geometry.** Three hours. (First and second semesters). Miss DeNoon.
Planes, polyhedrons, cylinders, cones and spheres. Not open to students offering the subject for entrance.
Prerequisite: Algebra one unit; plane geometry one unit.
122. **Trigonometry.** Three hours. (First and second semesters). Miss Hackney, Miss DeNoon.
Trigonometric functions, graphs, formulas, solution of right and oblique triangles, inverse functions, trigonometric equations, solutions of spherical triangles.
Prerequisite: Algebra $1\frac{1}{2}$ units or Math 120; plane geometry one unit.
223. **College Algebra.** Three hours. (First and second semesters). Miss Hackney, Miss DeNoon, Mr. Dove.
Exponents, radicals, quadratics, progressions, complex number, theory of equations.
Prerequisite: Algebra $1\frac{1}{2}$ units or Math. 120; plane geometry one unit.

*Will not be given in 1939-1940.

- 224. Analytic Geometry.** Four hours. (First and second semesters). Miss Hackney, Miss DeNoon, Mr. Dove.
Cartesian and polar coordinates, straight line, conic sections, coordinate transformations, properties of conics.
Prerequisite: Math. 122 and 223.
- 325. Differential Calculus.** Four hours. (First and second semesters). Miss DeNoon.
Variables, differentiation, application of the derivative, parametric equations, radius of curvature, theorem of mean value.
Prerequisite: Math. 224.
- 326. Integral Calculus.** Four hours. (First and second semesters). Miss Hackney.
Methods of integration, definite integral, areas, volumes, surfaces, length of curves, centroids, series.
Prerequisite: Math. 325.
- 421. Solid Analytics.** Three hours. (First semester). Miss Hackney.
Systems of coordinates, planes and lines, types of surfaces, quadric surfaces.
- 425. History of Mathematics.** Two hours. (First semester). Miss DeNoon.
Prerequisite: Twelve hours of college mathematics.
- 431. Theory of Equations.** Three hours. (First semester). Miss Hackney.
Construction with ruler and compass, complex numbers, numerical equations, symmetric functions, determinants.
Prerequisite: Math. 325.
- 435. Differential Equations.** Three hours. (Second semester). Miss Hackney.
Differential equations of first, second and higher orders, numerical approximations, solutions in series.
Prerequisite: Math. 326.

PHILOSOPHY (Group C)

Professor Beck

NOTE: No courses open to freshmen.

- 201. Introduction to Philosophy.** Three hours. (First and second semesters). Mr. Beck.
This course is intended to introduce the student to the meaning of philosophy as a way of answering fundamental questions about the nature of reality and the higher values of life.
- 303. Ethics.** Three hours. (First semester). Mr. Beck.
A review of the history of moral ideas and the theories followed by a study of contemporary moral problems and suggestions as to their solutions.
- 304. Logic.** Three hours. (Second semester). Mr. Beck.
A study of the principles of correct reasoning and the fallacies which are to be avoided.
- 306. Esthetics.** Two hours. (First semester). Mr. Beck.
An examination of the logical and psychological elements underlying the appreciation of different forms of art and a survey of the more important theories of art as an activity related to other human activities and interest, such as science, morality and religion.

311. **Survey of Ancient and Medieval Philosophy.** Three hours. (First semester). Mr. Beck.
312. **Survey of Modern Philosophy.** Three hours. (Second semester). Mr. Beck.
Prerequisite: Philosophy 201 or 311.
313. **Studies in the Great Ancient Philosophers.** Three hours. (First semester). Mr. Beck.
Prerequisite: Philosophy 201 or 311.
314. **Studies in the Great Modern Philosophers.** Three hours. (Second semester). Mr. Beck.
Prerequisite: Philosophy 311 or 313.
320. **Comparative Religion.** Three hours. (Second semester). Mr. Beck.
A comparative study of the world's great religions, past and present, with a view toward a deeper understanding of the religious consciousness and culture belonging to the different civilizations of the world.

PHYSICS (Group B)

Professor Hron, Assistant Professor Dove.

A \$2.00 science fee will be charged for each laboratory course taken. This will be payable to the Treasurer with the enrollment fee and before a place in the laboratory is assigned.

201. **General Physics.** Two or three hours. (First semester). Mr. Hron.
Pre-medics take the 2-hour course only and all others take the 3-hour course. Either two or three lectures each week. No laboratory.
Prerequisite: One year each of algebra and geometry for the pre-medics. One year each of algebra and geometry, and plane trigonometry for the engineers, Physical Science and Mathematics majors.
202. **General Physics Laboratory.** Two hours. (First semester). Mr. Hron and Mr. Dove.
Four hours laboratory each week.
Required of all students taking Physics 201.
203. **General Physics.** Two or three hours. (Second semester). Mr. Hron.
Either two or three lectures each week. A continuation of Physics 201.
Prerequisite: Physics 201 and 202.
204. **General Physics Laboratory.** Two hours. (Second semester). Mr. Hron and Mr. Dove.
Four hours laboratory each week. Required of all students taking Physics 203.
A continuation of Physics 202.
Prerequisite: Physics 201 and 202.

The following courses will be given upon petition of qualified students. Petitions should go to Professor Hron or Professor Dove six weeks or more in advance.

- 300. Electricity and Magnetism.** Three hours. (First semester). Mr. Dove.
 Three lectures each week.
 A study of the mathematical theory and practical applications of electricity and magnetism.
 Prerequisites: Physics 203 and 204, Mathematics 122 and 223.
 Mathematics 325-326 recommended.
- 301. Electrical Measurements.** Two hours. (First semester). Mr. Dove.
 Four hours laboratory each week. Accompanies Physics 300.
 Prerequisites: Physics 203 and 204, Mathematics 122 and 223.
 Mathematics 325-326 recommended.
- 302. Electricity and Magnetism.** Three hours. (Second semester). Mr. Dove.
 Three hours lecture each week. Not a duplication of Physics 300.
 Prerequisites: Physics 203 and 204, and Mathematics 122 and 223.
 Mathematics 325-326 recommended.
- 303. Electrical Measurements.** Two hours. (Second semester). Mr. Dove.
 Four hours laboratory each week.
 Accompanies Physics 302. Not a duplication of Physics 301.
 Prerequisites: Physics 203 and 204, and Mathematics 122 and 223.
- 304. Light.** Three hours. (First semester). Mr. Hron.
 Three hours lecture each week. A study of the theory and application of light.
 Prerequisites: Physics 203 and 204, and Mathematics 122 and 223.
- 305. Light Laboratory.** Two hours. (Second semester). Mr. Hron.
 Four hours laboratory each week. Accompanies Physics 304.
 Prerequisites: Physics 203 and 204, Mathematics 223 and 122.
 Pre-medics are given this course by special arrangement.
- 306. Elements of Mechanics.** Three hours. (First semester). Mr. Dove.
 Three hours lecture each week.
 A study of the theory and application of mechanics.
 Prerequisites: Physics 203 and 204, Mathematics 122 and 223.
 Mathematics 325-326 recommended.
- 307. Mechanics Laboratory.** Two hours. (First semester). Mr. Hron.
 Four hours laboratory each week.
 Accompanies Physics 306.
 Prerequisites: Physics 203 and 204, Mathematics 122 and 223.
- 308. Heat.** Three hours. (Second semester). Mr. Hron.
 Three hours lecture each week.
 A study of the theory and application of heat.
 Prerequisites: Physics 203 and 204, Mathematics 122 and 223.
- 309. Heat Measurements.** Two hours. (Second semester). Mr. Hron.
 Four hours laboratory each week.
 Accompanies Physics 308.
 Prerequisites: Physics 203 and 204, Mathematics 122 and 223.
 Pre-medics are given this course by special arrangement.
- 310. History of Physics.** Three hours. (Second semester). Mr. Dove.
 Three hours lecture each week.
 An historical study of pre-Newtonian, classical, and modern physics. The development of the theory involved in its elementary branches is emphasized.
 Prerequisites: Physics 203 and 204.

- 311. Sound.** Three hours. (First semester). Mr. Hron.
 Three hours lecture each week.
 A study of wave motion; origin, propagation, velocity, interference, and diffraction of sound; vibrations of strings and organ pipes, music and speech.
 Prerequisites: Physics 203 and 204, Mathematics 122 and 223.
- 400. Electrons, Ions and Atoms.** Three hours. (Second semester).
 Mr. Hron.
 Three hours lectures each week.
 A study of the conduction of electricity through gases, photo-electricity, x-rays, radio-activity, and the electron theory of matter.
 Prerequisites: Physics 203 and 204, Mathematics 326.
- 401. Modern Physical Theories.** Three hours. (Second semester).
 Mr. Dove.
 Three hours lectures each week.
 A general review of modern physical theories.
 Prerequisites: Physics 203 and 204, Mathematics 326.
- 402. Special Topics.** One to four hours. (First and second semesters). By members of the Physics staff. For Physics major only.
 Work consists of special problems in the field of Physics and written reports thereon read before the seminar.
 Prerequisite: Permission of the Physics staff.

POLITICAL SCIENCE (Group C)

Associate Professor Dillon, Assistant Professor Burnside.

- 101. Introductory Course.** Two hours. (First semester). Mr. Dillon and Mr. Burnside.
 A general survey of the basic theories and principles of the state. The chief purpose is to acquaint the student with political terminologies and the elements of governmental institutions.
- 102. Introductory Course.** Two hours. (Second semester). Mr. Dillon and Mr. Burnside.
 A continuation of 101. Although 101 is not a prerequisite it is desirable to take it prior to 102. This course is a study of the practical questions arising in connection with government.
- 201. American National Government.** Three hours. (First semester). Mr. Dillon. Not open to freshmen.
 An examination of the American federal system in respect to both theory and practical functioning. A study of the background and development of the Constitution is a fundamental object of this course.
- 202. American State Government.** Three hours. (Second semester). Mr. Burnside.
 This is an introductory course in state government. In addition to the general study special attention is given to the state government of West Virginia.
- 301. Municipal Government.** Three hours. (First semester). Mr. Burnside.
 This course is a study of the types of city government, charters, federal and state services to cities, the legislative or ordinance power, departmental organization, municipal courts, etc.
 Prerequisites: Political Science 201 and 202.

- 303. American Political Partics.** Three hours. (First semester). Mr. Burnside.
This course is a study of political dynamics, and describes the political process as a living reality, combining structural description with functional analysis. Parties, pressure groups, bosses, and machines are shown in motion. Party organization, primaries, corrupt practices, voting, election laws, ballots, conventions, etc., are viewed as they actually function in American society.
Prerequisites: Political Science 201 and 202.
- 307. Public Opinion.** Three hours. (Second semester). Mr. Dillon.
An analysis of the effect of various types of propaganda on public opinion with an examination of the technique of the various propaganda agencies.
- 311. Latin American Governments and Relations.** Three hours. (Second semester). Mr. Burnside.
A study of the government of the Latin American Republics and their relations with other states.
Prerequisites: Political Science 201 and 202 and History 301.
- 323. American Constitutional Law.** Three hours. (First semester). Mr. Dillon.
A survey of constitutional law is made by the casebook method supplemented by practical writing of moot cases, the opinions of publicists, and current material. The student has an opportunity to become acquainted with the leading cases significant to the development of American Constitutional Law and the historical background of these cases.
Prerequisites: Political Science 201 and 202.
- 333. Public Administration.** Three hours. (Second semester). Mr. Burnside.
A study of the branch of government whose function it is to put governmental policies into execution: the location and exercise of the general function of direction, supervision, and control; the determining of the structural character or organization of the services by means of which the actual work of administration is to be performed. A further study is made of personnel, supply, and finance.
Prerequisites: Political Science 201 and 202.
- 405. International Relations.** Three hours. (First semester). Mr. Dillon.
Open to seniors and graduates only.
An examination of the forces motivating the conduct of nations in their relations with special consideration of the rise and development of international institutions. The approach to this study is economic and historical as well as political.
Prerequisites: Political Science 201 and 202.
- 406. Contemporary World Politics.** Three hours. (Second semester). Mr. Dillon.
Open to seniors and graduates only.
A study of present day currents in international affairs, with an examination of the underlying motives of national states. The place of international organizations in the post war world is given special attention. The current opinion of international political observers both American and foreign is considered.
Prerequisites: Political Science 201 and 202.
- *409. Parliamentary Governments.** Three hours. (First semester). Formerly Political Science 304. Mr. Burnside.
Open to seniors and graduates only.
An analysis of the origin, development, structure and current operation of the English, French, Swiss, and other selected democratic governments.

- *410. **Modern Dictatorships.** Three hours. (Second semester). Formerly Political Science 304. Mr. Burnside.

Open to seniors and graduates only.

A study of the ideology, structure and operation of the totalitarian states with an effort to compare their methods with democratic procedure.

420. **State Administration.** Three hours. (Second semester). Mr. Burnside and Mr. Harris.

Open to seniors and graduates only.

It is the purpose of this course to outline the numerous activities in which each of the forty-eight states may be expected to engage today, and to propose ways of organizing suitable agencies for the proper administration of these services. The actual working of these various departments will be discussed and studied from the states' reports.

425. **Early Political Theory.** Three hours. (First semester). Mr. Dillon.

Open to seniors and graduates only.

An historical survey and examination of the political theories from time of Plato to Burke with an effort to show their effect on modern political institutions.

Prerequisites: Political Science 201 and 202.

426. **Recent Political Theory.** Three hours. (Second semester). Formerly second half of Political Science 425. Mr. Dillon.

Open to seniors and graduates only.

A study of the ideas of leading recent political philosophers with particular emphasis on the basic ideologies of the modern democratic and totalitarian states.

PSYCHOLOGY (Group C)

Professor Bowers, Associate Professor Loemker, Associate Professor VanBibber.

101. **Elementary Psychology.** Three hours. (First and second semesters). Staff.

An introductory course, prerequisite to subsequent courses in psychology. Recommended for pre-medical students.

112. **Applied Psychology.** Three hours. (Second semester).

A consideration of the applications of psychology to business, professions, and industries, and the general problems of everyday life.

Prerequisite: Psychology 101 or 305.

207. **Psychology of Emotion.** Three hours. (First semester).

A study of emotion, its nature and significance in the motivation of both normal and abnormal behavior.

Prerequisite: Psychology 101 or 305.

211. **Psychology of Effective Study.** Two hours. (First and second semesters).

A course in economical and efficient methods of study and adjustment.

302. **Social Psychology.** Three hours. (Second semester). Mr. Loemker.

A study of the social nature of the individual, and a psychological analysis of the individual's relation to social groups.

Prerequisite: Psychology 101 or 305.

- 305. General Psychology.** Three hours. (First semester). Mr. Bowers.
A study of the facts and principles in the field of General Psychology.
Open only to juniors and seniors who have not had Psychology 101.
- 307. Psychology of Adolescence.** Three hours. (Second semester). Mr. Bowers.
A study of the basic factors and characteristics of the adolescent period, including both the individual and social problems of adjustment peculiar to this period in life.
Prerequisite: Psychology 101 or 305, or permission of instructor.
- 308. Abnormal Psychology.** Three hours. Formerly Psy. 208. (Second semester). Mr. Bowers.
A study of mental, emotional and personality disorders. Recommended for pre-medical students.
Prerequisite: Psychology 101 or 305.
- 314. Child Psychology.** Two hours. Formerly Psy. 214. (First semester).
An applied course in child nature, mental growth, and causal factors of behavior from birth to the adolescent period.
Prerequisite: Psychology 101 or 305.
- 323. Experimental Psychology.** Three hours. (First semester).
An application of laboratory practices to psychological problems in the field of sensation, perception, motor activity, learning and memory.
Prerequisite: Six hours of psychology.
- 406. Theories of Intelligence.** Three hours. (Second semester). Mr. Bowers.
Open to seniors and graduates only.
A study of the nature of intelligence, individual differences, and mental levels; and significance of measuring intelligence; also the relation of intelligence to social efficiency.
Prerequisite: Psychology 101 or 305.
- 411. Genetic Psychology.** Three hours. (First semester). Mr. Bowers.
Analysis of the origin, growth, and development of mental life; the influence of hereditary factors in human development.
Prerequisite: Psychology 101 or 305.
- 414. Psychology of Personality Development.** Three hours. (Second semester). Formerly Psychology 312. Mr. Loemker.
An applied course in the development and integration of personality; a study of personality traits and types; the influence of heredity, environment, emotion, and glands upon personality; and personality adjustment of the individual.
Prerequisite: Psychology 101 or 6 hours of psychology.
- 420. Mental Measurements.** Three hours. (First semester). Formerly Education 318. Mr. Bowers.
Open to seniors and graduates only.
Technique and practice in the use of the Stanford-Binet Scale, and other tests—both individual and group; the evaluation of results, and the classification of individuals according to intelligence level.
Prerequisite: Psychology 101 or 305.
- 460. History of Psychology.** Three hours. (First semester). Mr. Loemker.
Open to seniors and graduates only.
A study of the historical bases and antecedents of present-day psychology, together with a brief outline of various schools of Psychology.
Prerequisite: Six hours of psychology.

SOCIOLOGY (Group C)

Professor Hayes, Assistant Professor Hayward.

132. **Rural Sociology.** Two hours. (First and second semesters). Mr. Hayes.
A study of the structure and development of rural society, town and country relationships, communication and socialization agencies, national and local rural life policies, rural leadership, and rural institutional development.
232. **Urban Sociology.** Two hours. (Second semester). Mr. Hayward.
A study of the structure and development of urban society, of urban social types, of the special social pathologies of city life, and a consideration of urban influences upon progress.
Prerequisite: Sociology 132.
300. **Outlines of Sociology.** Three hours. (First and second semesters). Mr. Hayward and Mr. Hayes. Formerly Sociology 201.
A general course dealing with the principles of organization, growth and functions of society; basic to further courses in sociology.
- *301. **Cultural Anthropology.** Three hours. (Second semester).
Analysis of the culture of various primitive groups, the development of family, religion, language, law, custom, tradition, science, and other basic forms.
Prerequisite: Sociology 300.
305. **Community and Welfare Organization.** Four hours. (First semester). Formerly Sociology 330. Mr. Hayward.
The community and its significance in modern social life, and the development and uses of the various community welfare organizations.
Prerequisite: Sociology 132 or 232 and 300.
- *308. **The Family.** Two hours. (First semester).
The structure of early family life and its relation to social organization; forms of marriage and family relationships, changing family conditions, and studies of successful and unsuccessful family life.
Prerequisite: Sociology 300.
311. **Problems of Poverty.** Three hours. (First semester). Mr. Hayward.
General social pathology. A treatment of the problems arising out of sickness, old age dependency, poverty, unemployment, the homeless, the destitute, and other handicapped members of society.
Prerequisite: Sociology 300.
315. **Juvenile Delinquency.** Two hours. (First semester). Mr. Hayes.
The causes, social backgrounds and general problems of juvenile delinquency, and methods and institutional aid of dealing constructively with delinquents.
Prerequisite: Sociology 300.
320. **Criminology.** Three hours. (Second semester). Mr. Hayes.
A study of the individual and social factors in crime; theories concerning crime and criminals, and a consideration of the modern penological methods of dealing with crime. Visits will be made to penal institutions and courts.
Prerequisites: Sociology 300, 311 or 315.

- *401. **Population.** Three hours. (First semester).
The problems of population movements, immigration and assimilation. Studies of population growth and decline, of quality and quantity factors, and of the concentration and distribution of population.
Prerequisites: Sociology 132 or 232 and 300 and senior or graduate standing.
403. **Techniques and Methods of Social Investigation.** Four hours. (First semester). Mr. Hayward.
A study of the several methods of investigation and research in the fields of the social sciences; sources of data and their evaluation, organization and presentation.
A special research project will be required of each student.
Prerequisite: At least 8 hours in sociology and senior or graduate standing.
405. **Introduction to Social Case Work.** Four hours. (Second semester). Mr. Hayward.
The aims, methods and purposes of social case work are to be treated through class work and field practice. Assignments of case studies will be made in co-operation with local and state social agencies.
Prerequisite: Sociology 306.
418. **Current Social Conflict.** Three hours. (First semester). Mr. Hayes.
The analysis of social conflict as found in war; in economic, religious and professional classes; in family, community, and social classes; and a study of the causes, types and results of social conflict.
Prerequisite: Sociology 308 and 311 or 320, and senior or graduate standing.
421. **History of Social Thought.** Three hours. (Second semester). Mr. Hayes.
The origin and development of social thought and plans about society from the earliest times to the present; origins of the science of sociology, and a brief study of the chief modern systems of sociology.
Prerequisites: Sociology 300 and 401 or 418 and senior or graduate standing.
425. **Social Control.** Three hours. (Second semester). Mr. Hayes.
A study of the formal and informal means of social control such as legal processes, institutional control, folkway and custom controls, punishments and rewards; analyses of types of control and of the causes of increasing social control.
Prerequisites: Sociology 418 or 421 and senior or graduate standing.

SPANISH (Group A)

Associate Professor Fors, Assistant Professor Martin.

101. **Elementary Course.** Three hours. (First and second semesters). Mr. Fors and Mr. Martin.
No credit is given for 101 without 102.
102. **Elementary Course, continued.** Three hours. (First and second semesters). Mr. Fors and Mr. Martin.
Prerequisite: Spanish 101 or one year high school Spanish.
203. **Intermediate Course.** Three hours. (First and second semesters). Mr. Fors.
Prerequisite: Spanish 102 or two years high school Spanish.

204. **Intermediate Course, continued.** Three hours. (First and second semesters). Mr. Fors.
Prerequisite: Spanish 203.
312. **Latin-American Literature.** Two hours. (First semester). Mr. Martin.
Prerequisite: Spanish 204.
313. **Latin-American Literature, continued.** Two hours. (Second semester). Mr. Martin.
Prerequisite: Spanish 204.
317. **Survey of Spanish Literature.** Three hours. (First semester). Mr. Fors.
From the epic to the Golden Age.
Prerequisite: Spanish 204.
318. **Survey of Spanish Literature, continued.** Three hours. (Second semester). Mr. Fors.
From the Golden Age to contemporary writers.
Prerequisite: Spanish 204.
- *403. **The Novel.** Three hours. (First semester). Mr. Fors.
Lectures, reading, and analysis of the masterpieces of the Spanish novel.
Prerequisite: Spanish 204.
- *404. **The Drama.** Three hours. (Second semester). Mr. Fors.
Lectures, reading, and analysis of the masterpieces of Spanish Drama.
Prerequisite: Spanish 204.

SPEECH (Group A)

Assistant Professor Ranson, Instructor Tucker.

101. **Practical Public Speaking.** Three hours. (First and second semesters). Staff.
Beginners' course.
102. **Practical Public Speaking.** Three hours. (First and second semesters). Staff.
Prerequisite: Speech 101 or one year of high school speech.
- *200. **Oral Interpretation of Literature.** Three hours. (First semester). Mr. Tucker.
Prerequisite: Speech 101.
205. **Argumentation and Debate.** Three hours. (First semester). Mr. Ranson.
207. **Business and Professional Speech.** Three hours. (Second semester). Mr. Ranson.
Prerequisite: Speech 101.
211. **Elements of Pantomime and Dramatic Expression.** Three hours (First semester). Mr. Tucker.
Prerequisite: Speech 101.

*Will not be given in 1939-1940.

230. **Speech Psychology.** Three hours. (Second semester). Mr. Ranson.
Prerequisite: Speech 102.
240. **Voice Training.** Three hours.
Specific training and practice designed to improve vocal conditions for all speech purposes. Exercises for flexibility, range, relief from tension, articulation, and enunciation.
305. **Principles of Public Address.** Two hours. (First and second semesters). Mr. Ranson.
A course in Speech fundamentals. Open only to juniors and seniors who have not had Speech 101 or 102.
- *306. **Extempore Speech.** Three hours. (First semester). Mr. Ranson.
Prerequisite: Speech 102 or 305.
313. **Play Production.** Three hours. (First and second semesters). Mr. Tucker.
318. **Speech Correction.** Three hours.
A study of and laboratory work in the correction of speech disorders.
- *321. **Dramatic Reading and Platform Art.** Three hours. (Second semester). Mr. Tucker.
Prerequisite: Speech 200.
330. **Radio Speech.** Three hours.
The preparation and delivery of the radio speech, commercial announcements, interviews, and plays.
Prerequisite: Speech 101 or 305.
- *401. **Advanced Dramatic Production.** Three hours. (Second semester). Mr. Tucker.
Prerequisite: Speech 313.
- *402. **Advanced Persuasion.** Three hours. (Second semester).
Prerequisite: Speech 230.
405. **Principles of Acting.** Three hours. (Second semester). Mr. Tucker.
Prerequisite: Speech 211.

ZOOLOGY (Group B)

Professor Utterback, Professor Greenleaf, Instructor Richmond.

A \$2.00 science fee will be charged for each laboratory course taken. This will be payable to the Treasurer with the enrollment fee and before a place in the laboratory is assigned.

*Will not be given in 1939-1940.

110. **General Zoology.** Four hours. (First semester). Mr. Greenleaf and Mr. Richmond.
Two lectures and two 2-hour laboratories each week.
An introduction course of Zoological sciences dealing with structure, functions, development, adaptation and heredity of animal types.
203. **Entomology.** Two hours. (First semester). Mr. Utterback.
A course intended to give the essential facts concerning the taxonomy, life histories, anatomy and economic importance of insects. No laboratory.
205. **Invertebrate Zoology.** Four hours. (First and second semesters.) Mr. Utterback.
Two lectures and two 2-hour laboratories each week.
A systematic study of the lowest forms of animal life dealing with morphology, physiology and ecology.
Prerequisite: Biology 107, or high school Biology.
206. **Comparative Vertebrate Zoology.** Four hours. (Second semester). Mr. Greenleaf and Mr. Richmond.
Two lectures and two 2-hour laboratories each week.
A comparative study of vertebrate animals with particular emphasis on the dogfish and the cat.
Prerequisite: 4 hours Biology, Zoology 110 or 205.
207. **Ornithology.** Two hours. (Second semester). Mr. Utterback.
No laboratory.
A study of the structure, nesting habits, migrations, esthetic and economic importance of birds.
300. **Histology.** Four hours. (First semester). Mr. Richmond.
Two lectures and two 2-hour laboratories each week.
A study of the structures of animal tissues.
Prerequisite: Biology 107, or Zoology 110, or Zoology 205.
301. **Embryology.** Four hours. (Second semester). Mr. Richmond.
Two lectures and two 2-hour laboratory periods each week.
A study of the development of the fish, frog and chick embryos.
Prerequisite: Biology 107, Zoology 110, or Zoology 205.
305. **Human Anatomy.** Three hours. (First semester). Dr. Hoffman.
No laboratory. A study of the anatomy of the human body.
306. **Human Physiology.** Three hours. (Second semester). Dr. Hoffman and Mr. Richmond.
Two lectures and two hours laboratory each week.
A study of the functions of the human body.
Prerequisite: Zoology 305, or equivalent.
307. **Genetics.** Three hours. (First and second semesters). Mr. Utterback.
No laboratory.
A general introductory course in studies of heredity, evolution and eugenics.

SCHOOL OF MUSIC

(For complete Music courses, refer to pp. inclusive)

Requirements

Instruction in instrumental or vocal music may be taken by students not otherwise connected with the College.

A maximum of six hours of practical music may be credited toward a degree, provided that the student has met in full the entrance requirements of the College, provided also that the courses in Harmony (Music 120 and 121) are successfully taken. Two half-hour lessons a week with a minimum of one hour's daily practice shall count as one credit hour.

Fees for lessons in applied music are payable as other fees. For charges for one or two lessons see pages of this catalogue. No refunds are made for absence except in cases of illness lasting more than two weeks, when lessons will either be made up or a refund of three-fourths of the fee for the time lost will be granted.

PIANO

In piano two courses of study are offered, one leading to a teacher's certificate at the completion of the junior year, and a second one leading to a diploma at the completion of the work in the senior year.

No student may register for credit who cannot acceptably do the work involved in Piano 201. To ascertain this a practical examination involving major and minor scales, major triad arpeggios, and one composition of the degree of difficulty of Grade IV will be given, for example, Grieg's Dance Caprice or Haydn's Gipsy Rondo.

Candidates for teachers' certificates in piano must complete the work of the junior year, together with Music 120, 121, and also piano methods. Before the end of the year they must, with the assistance of one other musician, give a recital from memory, this recital including one sonata and other selected compositions.

Candidates for diplomas in piano must complete the work of the senior year, and must take Music 222 and 223. They are also required to give a public recital from memory, this recital to include a number of standard piano selections, one concerto, and one special number studied without the aid of the instructor.

Courses

Preparatory Years. Technical exercises. All major and harmonic minor scales. Arpeggios. Studies by Concone, Burgmuller, Heller. Miscellaneous compositions.

Piano 201. One hour's credit.

Sophomore Year. Technical exercises. All major and minor scales with the metronome, at a tempo of M. M. 100, four notes to a beat. Major scales in tenths, sixths, and thirds. Major triad arpeggios at tempo of M. M. 76. Bach's Two Part Inventions. Miscellaneous compositions.

Piano 202. One hour. Sophomore Year.

Technical exercises. Major and minor scales at a tempo of M. M. 112. Minor triad arpeggios at tempo of M. M. 84. Octave exercises. Sonatas by Haydn, Mozart, Beethoven.

Piano 301. One hour. Junior Year.

Technical exercises. Major and minor scales at tempo of M. M. 120. All melodic minors. All scales in tenths, sixths, and thirds. All diminished seventh arpeggios and half of the dominant seventh arpeggios at tempo of M. M. 100. Kullak's Octave Studies. Sonatas by Beethoven. Chopin's Mazurkas, Preludes and Valses.

Piano 302. One hour. Junior Year.

Technical exercises. All scales at tempo of 128. All dominant seventh arpeggios at tempo of 116. Studies by Cramer, Foote, Harberbier, Kullak's Octave Studies. Chopin's Nocturnes, Valses, Polonaises, Bach's Three Part Inventions. Beethoven Sonatas.

Piano 401. One hour. Senior Year.

Major and minor scales at tempo of M. M. 132. Major and minor scales in double thirds. Arpeggios with passing notes. Concertos by Mendelssohn, Beethoven, Liszt. Advanced compositions by Chopin, Schumann, Brahms, Liszt.

Piano 402. One hour. Senior Year.

Major and minor scales at tempo of M. M. 136. Major and minor scales in double thirds. Bach's Well Tempered Clavichord. Concertos. Advanced compositions.

VOICE

No student may register for credit in Voice who is not able to pass an examination covering the Freshman Year described below. Students registered for courses 103, 104, 203, and 204, must also

carry courses in harmony, piano, and one modern language. Such study must be continued through the junior year. Two lessons a week with six hours of practice count for one semester hour of credit.

Courses

Voice 103-104. No credit. Freshman Year.

Six exercises from Concone, Opus 9; songs of the difficulty of *Ihr Bild*, Schubert; *The First Violet*, Mendelssohn; *Du bist wie eine Blume*, Schumann; *In the Time of Roses*, Reichardt.

Voice 203-204. One hour, two semesters. Sophomore Year.

Technical work continued with scales and arpeggios at increased speed. Classical songs in German, French, and Italian.

Voice 303-304. One hour, two semesters. Junior Year.

Advanced technical and interpretative study. Repertoire of arias and songs of all countries and periods. Oratorio.

GRADUATE COURSES AND GRADUATE DEGREES

(For complete material pertaining to graduate courses, cost, etc., write for bulletin of graduate courses. Address the secretary, Marshall College.)

In October, 1938, the State Board of Education approved regulations under which Marshall College is authorized to conduct graduate instruction leading to Master of Arts and Master of Science degrees. Such graduate work is first to be given during the summer session of this year (1939).

Ordinarily the Master of Arts degree will follow the Bachelor of Arts degree, and the Master of Science degree will follow the Bachelor of Science degree; however, in case a Bachelor of Arts degree has been received on qualifications which meet present requirements for Bachelor of Science degree, either the Master of Arts or the Master of Science degree may follow, at the option of the candidate.

For the present, graduate work is restricted to six departments: chemistry, education, history, political science, psychology, and sociology.

ADMINISTRATION

The graduate council will direct the graduate work, its chairman serving as executive officer in such relations as registration and graduating exercises.

ADMISSION

Any graduate of a recognized college may be admitted to graduate courses, admission of graduates of colleges other than Marshall College being based on official transcripts of high school and college credits. These transcripts should be received by the registrar of Marshall College direct from the institution which granted this undergraduate degree.

While any graduate of a recognized college may be admitted to graduate courses, formal admission to candidacy for the Master's degree is a second step, to be taken after the student has completed a full semester of graduate work (at least 12 semester hours). Candidacy is granted by the council upon written application of the student, endorsed by the adviser, and council approval of the student's record, as well as of his plan for completing his work.

DEGREE REQUIREMENTS

At least 30 semester hours of graduate credit must be earned in residence at Marshall College. The period of residence must be at least 36 weeks, part or all of which may be in summer terms.

A thesis is required in addition to the 30 hours of credit. In case the research work basic to the thesis is done in credit courses, a minimum of 32 hours will be required for the Master's degree.

A minimum of 18 hours and a maximum of 24 hours may be earned in one subject, known as major subject. However, in case the 32 hour requirement is in force for the student, minimum and maximum for the major subject become 20 and 26 hours respectively. The remaining hours will be earned in a second subject, known as minor subject. Whether minimum or maximum hours are to be earned in major subject will depend upon several factors; the adviser will take into consideration the student's undergraduate preparation and the strength of his graduate performance, for example.

At least half of the hours in the major subject, and at least six hours in the minor subject, must be in strictly graduate courses (in the 500 series). Courses of the 400 series approved by the council may count toward the graduate degree, provided no undergraduate students except seniors are admitted; the graduate students in such courses will be required to do some work of a research character, in addition to the work assigned to seniors in the same classes. (To be classified as senior the student must have at least 90 semester hours of credit.)

The thesis must be sufficiently advanced, one month before the time of graduation, to assure the adviser of its acceptability to the council. Three bound copies of the thesis must be filed with the chairman of the council not later than two weeks before the date of graduation. The thesis must be prepared according to the form adopted by the council.

HONOR ROLL

Students whose names are listed below appeared on the Honor Roll (dean's list in each college) for two consecutive semesters—June, 1938, and February, 1939.

TEACHERS COLLEGE

Dorothy Akers
Thelma Baldwin
Betty Louise Blake
Frances Bouldin
Virginia Brandom
Mary Frances Carter
Catherine Cline
Augusta DeFerari
Ruth Dial
Brooke Dorsey
Dorothy Ellis
Max Ervine
Wilburn Folden
Grace Greenawalt
Raymond Hnge
Mervin Hall
Jean Groves Hanna
Audrey Jane Harris
Richard Hobson
Lois Olmstead Hollobaugh
Ann Hooper
Cecelia Hornbrook
Grace Inman

Elmer Jackson
Rebecca Ann King
Sarah King
Lester Lovejoy
Rose Lynd
Averil Massie
Hazel Mayenchein
Marjorie Montgomery
Marjorie Null
John Ostoski
Oren Poage
Rebecca Blizzard Politano
Elizabeth Robinet
Ruth Rothgeb
Sister Mary Benta Ruggle
Edith Grogan Shafer
Adelle Sheets
Anna Smith
Glenva Starcher
Madeleine Sudderth
Gene Turley
Hosford Wright
Shirley Young

COLLEGE OF ARTS AND SCIENCES

Burtis Warwick Anderson
Robert Carroll Bailey
Hugh Ernest Bek
E. Lowell Berry
Martha Lucille Camack
William Chatfield
Lillian Christian
Joan Cummins
Virginia VanDyke Daniel
Charles DeVries
Margaret Dickey
Paul Richard Emmert
Damon Lawson Engle
Julia Rose Flynn
Nolan Fowler
Lee Rous Gandee
Delbert L. Gibson
Maston Lewis Gray
Elizabeth Gross
Mildred Louise Hall
John Darrell Hughes
Kenneth Wilson Jones
Mary Logan Jones

Miriam Murray Jones
Milton Judson Lilly
Alexander Loebig
Rufus McLenn
Maxine MacKenzie
Rose Melcher
Evelyn Peters
Evelyn Virginia Raiford
Ruth Raiguel
Cecil N. Rogers
Edward Lincoln Seeber
Willis Shotwell
William Long Skeen
Harold D. Spears
Ona Frances Stinson
Maxwell Edward Sutherland
Woodford Sutherland
George G. Urian
Letty Elizabeth Wagner
Charles K. Waters
Molly Rosson Webb
Garland O'Dell Wellman

CLASS OF 1938 GRADUATES

DEGREES WITH DISTINCTION

SUMMA CUM LAUDE

Ephraim Jacobs

MAGNA CUM LAUDE

Nora Kathleen O'Farrell Leo Emery Oxley
Joseph Schmedding

CUM LAUDE

Melville Keith Gill
Mary Alameda Hart
Lucy Balmaine Hunter

Velma Capps Lotts
Mary Elizabeth Plymale
George Newton Spens

Charlotte Virginia Adkins.....	Wayne
Emma Trinvilla Adkins.....	Huntington
John Edward Aldridge.....	Huntington
Hazel Frances Allen.....	Huntington
Aaron Edward Altizer.....	Huntington
John Albert Angelo.....	Caldwell, Ohio
Ralph West Atkinson.....	Huntington
George Parker Ayeraman.....	Rowlesburg
Frances Catherine Bachtel.....	Ravenswood
James Baisden, Jr.....	Lenore
Bernard Ball.....	Huntington
Winifred Grace Ball.....	Huntington
Fred Bartram.....	Wayne
Adrian Lawrence Bastianelli.....	Huntington
Paul Harry Becker.....	Wheeling
Grace Nelle Berry.....	Huntington
Roberta Almeda Blackwood.....	St. Albans
William Thomas Bolyard, Jr.....	Grafton
William Taylor Boone.....	Charleston
George Sumner Brown.....	Huntington
Mabelle Louise Smith Brown.....	Huntington
Eunice Byrnside.....	Madison
Adelia Belle Callaway.....	Huntington
Rufus Theodore Carney.....	Dunbar
Mary Maybelle Carroll.....	Milton
Byrna Legg Cavendish.....	Vinton
Richard Lesler Chambers.....	Huntington
Daniel Breeze Churton.....	Huntington
Mary Seldon Coe.....	Huntington
Edward Williams Connelly.....	Ashland, Ky.
Guellen Louise Cooksey.....	Fritchard
Rosanna Cooper.....	Smithers
John Jacob Cox.....	Keyser
Ray William Coyle.....	Huntington
Joseph Newton Crumpler.....	Welch
Thomas Lee Cuni.....	Amherstdale
Roy Watson Curry.....	Bayward
Christine Louise Dameron.....	Hinton
Kitty Scott Darlington.....	Huntington
Fred W. Davis.....	Huntington
John Curtis Dawson.....	Slasonville

Jane Rutheford Deaton.....	Matewan
Joe Brown Dickinson.....	Barboursville
Ruth Carolyn Dickson.....	Bekley
Charles Eugene Dwight.....	Huntington
Vernon Ellifritz.....	Keyser
Dutch Farley.....	Dingess
Fred Salmon Fearing.....	Huntington
Lillian Floyd.....	Delbarton
Elizabeth Bland Garrett.....	Sprague
Mary Louise Gawthrop.....	Gassaway
Melville Keith Gill.....	Salt Rock
Annalee Gillespie.....	White Sulphur Springs
Margaret Virginin Gillespie.....	Dunbar
Max Ginther.....	Ravenwood
Babette Glick.....	Huntington
Vancel Goodall.....	Huntington
Leonard Howard Gordon.....	Charleston
Robert Allen Grant.....	Huntington
Mary Jo Grass.....	Griffithsville
Catherine Imogene Hallanan.....	Huntington
Raymond Nibert Hannan.....	Huntington
Eleanor Ogden Hardman.....	Huntington
James Isaac Harless.....	Justice
Mary Almada Hart.....	Huntington
Charles Franklin Heiner.....	Huntington
Emily Harrison Henry.....	Weston
Oral Clyde Hensaly.....	Milton
Norris Foster Hines.....	Huntington
Iva Mae Hoff.....	Hamlin
Lucy Balmaine Hunter.....	Barboursville
Ephriam Jacobs.....	Huntington
Laura Evelyn Jones.....	Huntington
Thelma Irene Jones.....	Newell
Mildred Melbadyme Jordan.....	Huntington
James Corbin Kessel.....	Ripley
Margaret Scott Kimmel.....	Piedmont
Russell Stewart Lee.....	Charleston
Geneva Louise Lewis.....	Huntington
Joie Myrtle Lewis.....	Huntington
Jon Hryncs Light.....	Huntington
Velma Capps Lotts.....	Kenova
Janet Louise Love.....	Huntington
Avanel Lycan.....	Huntington
Gwyn Lytton.....	Huntington
Mary Virginia MacQueen.....	Morgantown
Phyllis Kathryn Madeira.....	Northfork
William Kenneth McCallister.....	Huntington
Thomas Edward McCracken.....	Huntington
Witcher Guthrie McCullough.....	Huntington
Wilma Jean McGuire.....	Huntington
Eather Elizabeth McQueen.....	Huntington
Fay Elizabeth Miles.....	Huntington
Carroll Bing Milla.....	Huntington
Lillian Louise Mitchell.....	Hurricane
Rhoda Mae Mitchell.....	Huntington
Wilma Lenola Morrison.....	Huntington
William Leonard Neal.....	Huntington
Freda Inez Noble.....	Huntington
Mary Gertrude Notter.....	Huntington
Nora Kathleen O'Farrell.....	White Sulphur Springs
Leo Emery Oxley.....	Huntington
Denzil O. Parsons.....	Dunbar
Florence Ellwyn Pauley.....	Huntington
Lillian Maxine Payne.....	Kenova
Mary Elizabeth Plymale.....	Kenova
Charles Mason Preston.....	Huntington
James Spencer Provance.....	Point Marlon, Penn.
Emily Avonne Raies.....	Mt. Hope

William Amil Rules.....	Mt. Hope
Margaret Elizabeth Reasor.....	Huntington
Laura Belle Riley.....	Huntington
Mildred Mae Rogers.....	Clendenin
Rosa Atheline Rogers.....	Beckley
Hazel Frances Rollins.....	Kenova
Herbert Henry Royer.....	Dunbar
Marvin W. Saunders.....	Huntington
Joseph Schmedding.....	Huntington
Evelyn Louise Schumaker.....	Huntington
Elias Aaron Shelansky.....	Huntington
George Wesley Shirley.....	Ceredo
Clara May Watson Shriver.....	Huntington
Maxwell E. Simmons.....	Ravenswood
Lenore Elaine Sinnett.....	Superior
Harry Edward Slack.....	Huntington
Stella Kathryn Smeltzer.....	Huntington
William C. Smith.....	Williamson
Lorena Frances Snyder.....	Malden
George Newton Spears.....	Ironton, Ohio
Elma Stover Stark.....	South Charleston
John Bailey Stephens.....	Parkersburg
Raymond Wilson Stickley.....	Keyser
Leland Wilson Thornburg.....	Huntington
Edward Grant Thornbury.....	Litwar
Loretta Geraldine Tierney.....	Kenova
Virgil Vincent Tully.....	East Rainelle
Selva Carter Wiley.....	West Hamlin
Louise Wilkinson.....	Huntington
Margaret Parry Wilson.....	Huntington
Waldo Layton Williams.....	St. Albans
Mary Ruth Woodyard.....	Huntington
TOTAL	141

SUMMER SCHOOL—1938

DEGREES WITH DISTINCTION

MAGNA CUM LAUDE

Mildred Frances Chapman

CUM LAUDE

Louise Hart	Virginia Reyburn
Clinton Arthur Karr	Vada Magdalene Smith
Garnet Ash.....	Parkersburg
Mary Elizabeth Bartram.....	Kenova
John Merle Bina.....	West Hamlin
Elmer Otis Billups.....	Hurricane
Roxie Fern Bishop.....	Ashland, Ky.
Ruby Jeanette Blair.....	St. Albans
Blanche Shafer Bowers.....	Huntington
Arthur Boucher Boyd.....	Beckley
Fay Bryan.....	Barboursville
Sheldon Gibson Burgess.....	Man
Beulah E. Campbell.....	Parkersburg
Florence Hermosa Campbell.....	Catlettsburg, Ky.
Mary Dent Carnea.....	Clendenin
Inez Blake Carter.....	Huntington
Mildred Frances Chapman.....	Huntington
Emily Clatworthy.....	Oak Hill
Celia Estelle Cline.....	Williamstown
Helen Cline.....	Williamstown
Ethel Frantz Copen.....	Huntington
Sue Clifford Courtney.....	Kingston
Eather Curtis.....	Proctorville, Ohio
Betty Diehl.....	Beckwith
Albert Brooks Drake.....	Huntington
Eather Helois Dyc.....	Parkersburg
William Gibson Fletcher.....	Huntington
Bernice Gertrude Gaffin.....	Huntington
Gertrude Gatens.....	St. Albans
Richard Harold Goldstein.....	Huntington
Ruth Grant.....	Parkersburg
Elizabeth Ernestine Harper.....	Charleston
Louise Hart.....	Huntington
Myron B. Hensley.....	Milton
Virginia Lee Honnold.....	Huntington
Bernice Holloway Huddleston.....	Huntington
Rebecca Lambert Hutchinson.....	Huntington
Walter Jackson Irons.....	Sinks Grove
Clem Darise Jamison.....	Glenville
Boyd Jarrell.....	Huntington
Myron Oris Jordan.....	Huntington
Clinton Arthur Karr.....	Huntington
Mildred Keeney.....	Diamond
Margaret M. Krieger.....	Huntington
Mary Eliza Laird.....	Bluefield
Jack Leckie.....	Huntington
Louise Lewis.....	Malden

Mozelle Lewis.....	St. Albans
Clara Belle Loah.....	Chesapeake, Ohio
Arnet Lon Lovejoy.....	Huntington
Mary Kathleen Martin.....	Beckley
Freedra Alma Meadows.....	Ashton
Nelle Porter Moore.....	Huntington
Hope Garver Morris.....	Ashland, Ky.
Clarence Ellis Morrison.....	Kenova
Hazel Sizer Mowry.....	South Charleston
Marie Hathaway Neal.....	Huntington
Georgia F. Nenni.....	Matewan
Albert Lee Neville.....	Huntington
Elizabeth Jane Notter.....	St. Albans
Kathryn Gilberta Oakes.....	Franklin Furnace, Ohio
Ethel Geraldine Payne.....	Kenova
Lillian Cleo Payne.....	Kenova
Mary Elizabeth Peck.....	Huntington
Ada Mae Pickens.....	Parkersburg
Thelma Pittard.....	Milton
Evelyn Pyles.....	Prichard
Virginia Reyburn.....	Vivian
Charles Huntington Richardson.....	Huntington
Vergie Marie Robinson.....	Paynesville
John James Rowsey.....	Huntington
Faye Samples.....	Charleston
Richard Carel Sidebottom.....	St. Albans
Bernard Kesaler Shannon.....	Mullens
Wilma Lana Shirkey.....	Charleston
Virgil Wilson Siders.....	Apple Grove
Vada Magdalene Smith.....	Huntington
Audra Spencer.....	Richwood
Dorothy Selbee Stanley.....	Charleston
Samuel Ellsworth Stout.....	Harrisville
Adrin Clyde Sullivan.....	Lavalette
Mary Elizabeth Summers.....	Parkersburg
Bella Sweig.....	Huntington
Willmot Ray Terry.....	Ironton, Ohio
Thelma Parry Thomas.....	Cinderella
Clarence Emery Underwood.....	Prosperity
Ralph Vinciguerra.....	Thacker Mines
Ella Louise Watts.....	Kenova
Benjamin Franklin White.....	Hamlin
Georgia Phyllis Wilby.....	Huntington
Lewis Marion Wilcox.....	Huntington
John Alpheus Willis.....	Huntington
Elizabeth Marie Wippel.....	Thomas
Eather Lowry Witt.....	Huntington
James Dupres Wofford.....	Cairo
TOTAL.....	93
GRAND TOTAL.....	234

SUMMARY OF REGISTRATION

Summer of 1938.....	1074
Enrollment for the first semester 1938-1939.....	1731
Total.....	2805
Extension for the year 1938-1939.....	64
Grand Total.....	2869

From a count made in the first semester of 1938-1939, 43 counties of West Virginia were represented in the enrollment, 13 different states, and four foreign countries.



