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Jacksonville State University

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JACKSONVILLE STATE COLLEGE

1958 - 1959

**BULLETIN**  
OF  
**JACKSONVILLE**  
**STATE COLLEGE**  
**Jacksonville, Alabama**

Accredited by  
THE NATIONAL COUNCIL FOR ACCREDITATION  
OF TEACHER EDUCATION  
THE SOUTHERN ASSOCIATION OF COLLEGES  
AND SECONDARY SCHOOLS

Member Of  
THE AMERICAN ASSOCIATION OF COLLEGES  
FOR TEACHER EDUCATION  
THE ASSOCIATION OF ALABAMA COLLEGES  
THE AMERICAN COUNCIL ON EDUCATION

**CATALOGUE**  
**1958 - 1959**

*Seventy-Sixth Year*

*vol. 50 whole no. 182 Mar 1958*

1958

# COLLEGE CALENDAR

## First Semester 1958-59

### JULY

| S  | M  | T  | W  | T  | F  | S  |
|----|----|----|----|----|----|----|
|    |    | 1  | 2  | 3  | 4  | 5  |
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### AUGUST

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| 31 |    |    |    |    |    |    |

### SEPTEMBER

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### OCTOBER

| S  | M  | T  | W  | T  | F  | S  |
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| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 |    |

### NOVEMBER

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| 9  | 10 | 11 | 12 | 13 | 14 | 15 |
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| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 |    |    |    |    |    |    |

### DECEMBER

| S  | M  | T  | W  | T  | F  | S  |
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| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 |    |    |    |

Monday, September 1, First General Faculty Meeting at 7:00 P.M.  
 Monday, September 1, Dormitories open for occupancy, beginning at 8 A.M.  
 Monday, September 1, Placement tests, entering freshmen, commencing at 1 P.M.  
 Tuesday and Wednesday, September 2 and 3, Freshmen orientation program, commencing with convocation at 8 A.M., September 2, Leone Cole Auditorium  
 Tuesday, Wednesday and Thursday, September 2, 3 and 4, Registration of all students. Entering freshmen register Thursday only.  
 Friday, September 5, Classes begin at 8 A.M.  
 Saturday, September 13, Last day for registration and schedule change  
 Saturday, September 20, Last day for dropping specific courses without penalty.  
 Wednesday, October 29, English Competence Examination, 2 P.M.  
 Wednesday, November 26, Thanksgiving Holidays begin at 12:00 noon.  
 Monday, December 1, Classes resume at 8 A.M.  
 Friday, December 19, Christmas Holidays begin at 12:00 noon.

## 1959

Monday, January 5, Classes resume at 8 A.M.  
 Monday through Friday, January 12-16, Semester examinations  
 Monday, January 19, All semester grades for candidates for graduation must be filed in the Office of Admissions by 8:30 A.M.  
 Monday, January 19, All semester grades must be filed in the Office of Admissions by 3:30 P.M.  
 Tuesday, January 20, Mid-year Commencement, 7 P.M., Leone Cole Auditorium

## Second Semester 1959

Sunday, January 25, Dormitories re-open for occupancy, 3 P.M.  
 Monday, January 26, Placement tests, entering freshmen, commencing at 8 A.M.  
 Monday, January 26, Entering freshmen report for convocation, 1 P.M., Leone Cole Auditorium.  
 Monday, Tuesday and Wednesday, January 26, 27 and 28, Registration of all students. Entering freshmen register Wednesday only.

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# COLLEGE CALENDAR

1959

Thursday, January 29, Classes begin at 8 A.M.  
 Saturday, February 7, Last day for registration and schedule change  
 Saturday, February 14, Last day for dropping specific courses without penalty.  
 Wednesday, March 11, English Competence Examination, 2 P.M.  
 Monday through Friday, May 25-29, Semester examinations.  
 Monday, June 1, All semester grades for candidates for graduation must be filed in the Office of Admissions by 8:30 A.M.  
 Monday, June 1, All semester grades must be filed in the Office of Admissions by 3:30 P.M.  
 Tuesday, June 2, Commencement, College Bowl, 6 P.M.

**JANUARY**

| S  | M  | T  | W  | T  | F  | S  |
|----|----|----|----|----|----|----|
|    |    |    |    | 1  | 2  | 3  |
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| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

**FEBRUARY**

| S  | M  | T  | W  | T  | F  | S  |
|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |

**MARCH**

| S  | M  | T  | W  | T  | F  | S  |
|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 |    |    |    |    |

**APRIL**

| S  | M  | T  | W  | T  | F  | S  |
|----|----|----|----|----|----|----|
|    |    |    | 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  | 9  | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 |    |    |

**MAY**

| S  | M  | T  | W  | T  | F  | S  |
|----|----|----|----|----|----|----|
|    |    |    |    |    | 1  | 2  |
| 3  | 4  | 5  | 6  | 7  | 8  | 9  |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |

**JUNE**

| S  | M  | T  | W  | T  | F  | S  |
|----|----|----|----|----|----|----|
|    | 1  | 2  | 3  | 4  | 5  | 6  |
| 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 |    |    |    |    |

**Summer Session 1959**  
 (Classes Meet Six Days a Week)

Sunday, June 1, Dormitories open for occupancy, 3 P.M.  
 Monday, June 8, Placement tests, entering freshmen, commencing at 8 A.M.  
 Monday, June 8, Entering freshmen commence orientation, with convocation at 1 P.M., Leone Cole Auditorium  
 Monday and Tuesday, June 8 and 9, Registration, all students.  
 Tuesday, June 9, 1:30 P.M., Registration, entering freshmen only  
 Wednesday, June 10, English Competence Examination, 8 A.M.  
 Wednesday, June 10, Classes begin at 10 A.M.  
 Thursday, June 11, Last day for registration and course change.  
 Saturday, July 4, Holiday Recess  
 Monday, July 6, Classes resume at 8 A.M.  
 Tuesday, Wednesday and Thursday, July 28, 29 and 30, Semester examinations (undergraduates), beginning at 1:30 P.M. Tuesday  
 Thursday and Friday, July 30 and 31, Semester examinations, graduate division  
 Thursday, July 30, Grades for candidates for graduation must be filed in the Office of Admissions by 3:30 P.M.  
 Friday, July 31, Summer Commencement, 6 P.M., College Bowl  
 Monday, August 3, All semester grades must be filed in the Office of Admissions by 8:30 A.M.

RAMONA WOOD LIBRARY  
 JACKSONVILLE STATE UNIVERSITY

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**STATE BOARD OF EDUCATION**

Governor James E. Folsom, *President*, Montgomery

| <i>Name</i>       | <i>Address</i> | <i>Congressional District</i> | <i>Term Expires</i> |
|-------------------|----------------|-------------------------------|---------------------|
| Robert R. Locklin | Mobile         | First                         | 1961                |
| C. G. Dobbins     | Montgomery     | Second                        | 1959                |
| J. P. Faulk       | Samson         | Third                         | 1961                |
| Harry M. Ayers    | Anniston       | Fourth                        | 1963                |
| J. J. Benford     | Albertville    | Fifth                         | 1961                |
| E. W. Skidmore    | Tuscaloosa     | Sixth                         | 1963                |
| Rankin Fite       | Hamilton       | Seventh                       | 1959                |
| W. Van Gilbert    | Athens         | Eighth                        | 1959                |
| Chester Austin    | Birmingham     | Ninth                         | 1961                |

Superintendent A. R. Meadows, Secretary and Executive Officer,  
Montgomery

**ADMINISTRATIVE OFFICIALS**

|   |  |
|---|--|
| HOUSTON COLE, B.S., M.S., LL.D.         | <i>President</i>   |
| THERON E. MONTGOMERY, A.B., M.A., Ph.D. | <i>Dean of the College</i>                                 |
| LAWRENCE R. MILES, A.B.                 | <i>Director of Admissions and Registrar</i>                |
| ERNEST STONE, B.S., M.A.                | <i>Director of Extension and Superintendent of Schools</i> |
| REUBEN SELF, B.S., M.A., Ed.D.          | <i>Director of Graduate Division</i>                       |
| SOLON H. GLOVER, B.S.                   | <i>Business Manager</i>                                    |
| R. LISTON CROW                          | <i>Treasurer</i>   |
| E. BASKIN WRIGHT, A.B., M.A.            | <i>Director, Student Personnel</i>                         |
| LEON D. WILLMAN, B.S., M.S., Ed.D.      | <i>Dean of Students</i>                                    |
| A. D. EDWARDS, A.B., M.A.               | <i>Director of Housing</i>                                 |

**S T A F F**

**BUSINESS OFFICE**

|                       |                                   |
|-----------------------|-----------------------------------|
| MIRIAM WOOD HAYWOOD   | <i>Assistant Business Manager</i> |
| GENEVA STEPHENS PYRON | <i>Assistant Treasurer</i>        |

**DORMITORY DIRECTORS**

|                 |                              |
|-----------------|------------------------------|
| GERTRUDE ARNOLD | <i>Daugette Hall Annex</i>   |
| REBECCA FAGAN   | <i>Freshman Hall for Men</i> |

## JACKSONVILLE STATE COLLEGE

|                           |                  |
|---------------------------|------------------|
| MYRTLE KELLY .....        | Pannell Hall     |
| CARRIE PEGUES ROWAN ..... | Daugette Hall    |
| CARIMAE WRIGHT .....      | Abercrombie Hall |

## HAMMOND HALL DINING ROOM

|                               |                               |
|-------------------------------|-------------------------------|
| HAZEL O. HUDSON .....         | Dietitian                     |
| OPLE JOHNSON .....            | Assistant Dietitian           |
| ESTELLE WHITE McWHORTER ..... | Purchasing Agent, Dining Hall |
| OLLIE MARIE SMITH .....       | Assistant Dietitian           |

## LIBRARY

|                          |                     |
|--------------------------|---------------------|
| DORIS BENNETT .....      | Librarian           |
| OLIVE JO LAMB .....      | Assistant Librarian |
| LOIS MAXWELL .....       | Assistant Librarian |
| GLADYS C. WILLIAMS ..... | Assistant Librarian |

## MILITARY

|                                 |                                      |
|---------------------------------|--------------------------------------|
| FLORENCE COLE .....             | Secretary, Military Department       |
| SP/2 EDWARD F. HOCHHECKER ..... | Instructor in Military Sci & Tactics |
| SPC CAGER NELSON .....          | Instructor in Military Sci & Tactics |
| M/SGT. HUGH A. SIMPSON .....    | Instructor in Military Sci & Tactics |
| SPC ROBERT J. STEPHENSON .....  | Instructor in Military Sci & Tactics |
| M/SGT. NATHAN P. THOMPSON ..... | Instructor in Military Sci & Tactics |

## OFFICE OF ADMISSIONS AND RECORDS

|                             |                                   |
|-----------------------------|-----------------------------------|
| MARY ANN MASON .....        | Transcript Clerk                  |
| MARY STEVENSON POLING ..... | Assistant Registrar               |
| SYBIL DOSS REAVES .....     | Certification Secretary           |
| LOUISE BAILEY SEWELL .....  | Secretary, Director of Admissions |

## PHYSICIANS

|                      |                         |
|----------------------|-------------------------|
| DR. R. S. HUTCHINSON | DR. JAMES WILLIAMS, Sr. |
| DR. J. R. KINGERY    | DR. JAMES WILLIAMS, Jr. |

## SPECIAL

|                              |  |
|------------------------------|--|
| MARY WILLIAMON CASS .....    | Manager of Supply Store                    |
| CLIFFORD SHARPE COFFEE ..... | Publicity Director                         |
| LOUISE T. DEASON .....       | Nursery                                    |
| JOHN DUNCAN .....            | Building Superintendent                    |
| CURTIS ESTES .....           | Night Watchman                             |
| CAROLYN T. HAND .....        | Secretary to the Dean                      |
| BILLIE SUE JOHNSON .....     | Secretary of Extension & Laboratory School |
| BARBARA KEITH .....          | College Nurse                              |
| JETTA FAYE MANNERS .....     | Office of Veterans Affairs                 |
| ETHEL S. MOCK .....          | Director of Student Workers                |
| OLA CRAWFORD SARGENT .....   | Manager of Book Store                      |
| EFFIE W. SAWYER .....        | Secretary to the President                 |
| DAVID WALKER .....           | Custodian of Grounds                       |



## FACULTY

- HOUSTON COLE (1942) M.S., Univ. of Ala.; L.L.D.;  
Officier d' Academie *President*
- THERON E. MONTGOMERY (1950) Ph.D., Duke Univ.  
*Dean of the College*
- ABLES, RALPH E. (1957) M.A., Univ. of Ala. *Instructor\**
- ALDRUP, COLONEL EARL W. (1956) M.S.E., Univ. of Michigan  
*Instructor in Engr.*
- ALLISON, LOY W. (1930) Ph.D., Peabody College for Teachers  
*Professor of Psychology*
- ANDERS, JAMES (1936) Ph.D., Peabody College for Teachers  
*Professor of History*
- ARNOLD, PAUL J. (1929) M.A., Peabody College for Teachers, D. Sc.  
*Professor of Biology*
- ARNOLD, SALLIE FORD (1929) M.A., Peabody College for Teachers  
*Assistant Professor of Education and Supervisor of Senior High Grades*
- BAAB, ESTHER (1957) M.A., Colorado State College  
*Assistant Professor of Music*
- BAGGETT, T. J. (1957) A.M., George Peabody College for Teachers  
*Instructor\**
- BAILEY, A. L. (1957) Ed.D., Teachers College, Columbia University  
*Instructor\**
- BARRON, ROBERT LOUIS (1953) M.Ed., Mills College; Mus. Doc.  
*Assistant Professor of Music*
- BATES, FLORENCE MARNETTA (1952) M.S., Indiana University  
*Assistant Professor of Education and Supervisor of Intermediate Grades*
- BECKELHEIMER, ARCH F. (1957) M.A., University of Alabama  
*Assistant Professor of English*
- BOLTON, FERRELL (1956) M.A., Peabody College for Teachers  
*Assistant Professor of Education and Supervisor of Primary Grades*
- BOOZER, CHARLES N. (1957), M.S., Alabama Polytechnic Institute  
*Instructor\**
- BOOZER, JACK (1957), M.A., University of Alabama *Instructor\**
- BOOZER, REUBEN (1954) M.A., Peabody College for Teachers  
*Assistant Professor of Biology*

\*Part Time

- BOYD, MARTHA (1957) M.A., Florida State University  
*Assistant Professor of Education  
and Supervisor of Senior High School Grades*
- BRANSCOMB, LUCILLE (1943) M.A., Teachers College Columbia Univ.  
*Associate Professor of Business*
- BRITAIN, CLAY VESTER (1948) M.A., University of Chicago  
*Associate Professor of Psychology*
- BROWN, LeROY (1957) EdD., Teachers College Columbia University  
*Visiting Professor of Education*
- BROWN, MAJOR WM. N. (1957) B.S., University of Tennessee  
*Assistant Professor of Military Science and Tactics*
- BULLOCK, THOMAS K. (1957) M.A., Duke University  
*Assistant Professor of Education*
- BUSH, NEWBERN WILSON (1936) M.A., Alabama Polytechnic Institute  
*Associate Professor of Mathematics*
- CAIN, LLOYD R. (1955) B.S., University of Maryland  
*Assistant Professor of Military Science and Tactics*
- CALLAN, FRANCES (1957) M.A., University of Alabama  
*Assistant Professor of English*
- CALVERT, PALMER D. (1950) M.S., Louisiana State University  
*Associate Professor of Physical Education*
- CALVERT, WILLIAM J., JR. (1933) Ph.D., Harvard University  
*Professor of English*
- CAMPBELL, MARY M. (1956) M.S., Tulane University  
*Assistant Professor of Chemistry*
- CAUSEY, E. H. (1957) M.S., Alabama Polytechnic Institute     *Instructor\**
- CLEVERDON, JOHN H. (1957) M.A., University of Alabama  
*Assistant Professor of Art*
- COHEN, B. BERNARD (1957) Ph.D., Indiana University  
*Associate Professor of English*
- COHEN, LUCIAN ANDERSON (1957) A.M., Duke University  
*Assistant Professor of English*
- COLEMAN, LT. COL. D. J., JR. (1957) B.S., V.P.I.  
*Professor, Military Science and Tactics*
- CONKLIN, CAPT. GORDON C. (1957) M.Ed., Alfred University, N. Y.  
*Assistant Professor Military Science and Tactics*
- COPELAND, MARGARET E. (1957) M.A., University of Alabama  
*Instructor\**

- CRAWFORD, GEORGE E. (1957) M.S., Kansas State Teachers College  
*Assistant Professor of Business*
- CROW, LUCILLE WILLIAMS (1957) M.A., State University of Iowa  
*Assistant Professor of Education*
- DILLON, CHESTER C. (1937) M.A., University of Kentucky  
*Associate Professor of Physical Education*
- DILLON, MARTHA K. (1941) M.A., University of Alabama  
*Assistant Professor of Education and Supervisor of Intermediate Grades*
- EDGE, INEZ A., (1956) M.A., Peabody College for Teachers  
*Assistant Professor of Education and Supervisor of Primary Grades*
- EDWARDS, A. D. (1950) M.A., University of Alabama  
*Director of Housing and Assistant Professor of History*
- ESPLING, EDWARD E. (1956) M.A., New York University  
*Assistant Professor of Economics*
- FINGER, RUTH (1957) A.M., University of Mississippi  
*Assistant Professor of Mathematics*
- FINLEY, JOHN T. (1951) M.M., Peabody College for Teachers  
*Assistant Professor of Music*
- FORRESTER, CHRISTINE (1957) M.A., University of Kentucky  
*Assistant Professor of English*
- FREYMUTH, JOE, J., Jr., (1956) M.S., Oklahoma A&M  
*Assistant Professor of Physics*
- GARMON, A. B., (1957) M.A., University of Alabama *Instructor\**
- GARY, CHARLES McKEE (1934) A.M., Howard College  
*Associate Professor of Chemistry*
- GIBSON, ROY (1955) M.A., University of Alabama  
*Assistant Professor of Education*
- GILBERT, WILLIAM E. (1954) M.A., University of Alabama  
*Assistant Professor of History*
- GLOSSER, MORT (1957), Ed.D, Michigan State University *Instructor\**
- GOGGANS, MARY MOSS (1945) M.S., University of Alabama  
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and Supervisor of Sr. High School Grades*
- GRAVOIS, FRANCOIS D., Jr., (1957) M.S., Georgia Institute of Technology  
*Instructor\**
- GREEN, MARGARET M. (1950) M.S., University of Alabama  
*Assistant Professor of Home Economics*

\*Part Time

- GRIFFIS, MARGARET (1957) M.A., Teachers College, Columbia  
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- HAMRIC, UNA (1950) M.S., University of Alabama  
*Assistant Professor of Education and Supervisor of Intermediate Grades*
- HARPER, JOHNNILEE (1946) B.S., Jacksonville State College  
*Instructor in Senior High School Grades*
- HATCH, A. B., Jr., (1957) Ph.D., Yale University  
*Associate Professor of Languages*
- HENNES, BERNARD (1957) Ph.D., University of Texas  
*Associate Professor of History*
- HICKS, HAZEL DISHMAN (1948) MS., University of Alabama  
*Assistant Professor of Business*
- HICKS, THOMAS LAWRENCE (1947) M.S., University of Alabama  
*Associate Professor of Mathematics*
- HOLTZAPPLE, JOHN, Jr., (1957) M.B.A., Harvard University *Instructor\**
- HOWARD, AUSTIN A. (1956) M.S., Cornell University  
*Assistant Professor of Mathematics*
- HULSEY, JERRY B. (1957) M.Ed., Peabody College for Teachers  
*Instructor\**
- INGERSON, M. J. (1957) M.S., University of Missouri  
*Assistant Professor of Chemistry*
- JOHNSON, J. C. U. (1957) M.A., University of Alabama *Instructor\**
- JOHNSON, MILDRED BAILEY (1955) B.S., Jacksonville State College  
*Instructor in Mathematics*
- JONES, BEATRICE (1944) M.A., University of Alabama  
*Assistant Professor of Education and Supervisor of Jr. H. S. Grades*
- JONES, JAMES HARDING (1935) Docteur (Lettres) de l' Universite de  
Montpellier; Officier d' Academie *Professor of Foreign Languages*
- KELLEY, ELEANOR A. (1956) M.S., Alabama Polytechnic Institute  
*Assistant Professor of Home Economics*
- KEY, ERSKINE (1957) M.A., Peabody College for Teachers *Instructor\**
- KILLEBREW, KATHRYN (1957) M.A., Peabody College for Teachers  
*Instructor\**
- KLAUS, VIRGINIA (1957) M.A., University of Minnesota  
*Assistant Professor of Psychology*
- LAMBERT, DONALD (1957) M.Ed., Alabama Polytechnic Institute  
*Instructor\**

\*Part Time

- LEE, HAROLD M. (1957) M.A., University of Alabama *Instructor\**
- LINDSEY, BERTHA DAVIS (1953) M.A., Alabama Polytechnic Institute  
*Instructor in English*
- LINDSEY, RALPH H. (1955) M.S., University of Alabama  
*Instructor in Science*
- LOVETT, OPAL R. (1950) B.S., Jacksonville State College  
*Instructor in Audio-Visual Education*
- LOVRICH, FRANK (1957) M.A., University of South Dakota  
*Associate Professor of Sociology*
- LOWERY, MARY L. (1949) M.S., University of Alabama  
*Associate Professor of Home Economics*
- LUTTRELL, MAUDE (1935) M.A., Howard College  
*Associate Professor of English*
- McCLUER, LEON (1927) M.A., Peabody College for Teachers  
*Associate Professor of Geography*
- McCORKLE, MARIETTA (1945) M.A., Peabody College for Teachers  
*Assistant Professor of Education and Supervisor of Primary Grades*
- McCURDY, G. L. (1957) M.A., University of Alabama *Instructor\**
- MAINLAND, GORDON B. (1957) Ph.D., University of Texas  
*Associate Professor of Biology*
- MALONE, ELI THOMAS (1952) M.A., Alabama Polytechnic Institute  
*Assistant Professor of Education  
and Supervisor of Social Studies in High School*
- MALONE, EUGENE O. (1957) M.A., Peabody College for Teachers  
*Instructor\**
- MANNERS, LEE R. (1956) M.A., University of Alabama  
*Assistant Professor of Art*
- MASON, WALTER A. (1945) M.M., Northwestern University  
*Professor of Music*
- MASSOGLIA, ELINOR (1957) M.A., New York University  
*Assistant Professor of English*
- MATTHEWS, HAZEL J. (1951) M.S., Alabama Polytechnic Institute  
*Assistant Professor of Home Economics*
- MILES, LAWRENCE (1947) A.B., Brooklyn College  
*Director of Admissions and Registrar*
- MILLICAN, ALTA (1946) M.A., University of Alabama  
*Assistant Professor of History*

\*Part Time

- MOCK, HENRY BASCOM (1934) Ph.D., University of North Carolina  
*Professor of English*
- MORELAND, KENNETH (1957) M.S., University of Louisville *Instructor\**
- NASH, JOHN (1957) M.A., University of Alabama *Instructor\**
- NELSON, E. E. (1957) Ed.D., Alabama Polytechnic Institute  
*Assistant Professor of Science*
- NELSON, WALTER G. (1957) M.Ed., University of Texas *Instructor\**
- NEWELL, C. FRANK (1957) Ed.D., Teachers College Columbia University  
*Visiting Professor of Education*
- NEWELL, JESSIE W. (1952) B.S., Alabama College  
*Assistant Professor of Education  
and Supervisor of Home Economics in High School*
- NEWMAN, ERNEST V. (1948) M.A., Peabody College for Teachers  
*High School Coach and Supervisor of Sr. High School Grades*
- NORRIS, LEROY (1957) M.A., University of Alabama *Instructor\**
- OLSEN, LOUISE DOUGLASS (1956) M.A., Columbia University  
*Assistant Professor of English*
- PENDELL, ELMER (1957) Ph.D., Cornell University  
*Associate Professor of Economics*
- PRICE, EMMETT W., (1957) Ph.D., The George Washington University  
*Associate Professor of Biology*
- PRICHARD, HOWARD (1957) M.A., Duke University *Instructor\**
- ROBERSON, THOMAS JEFFERSON (1953) M.S., Florida State University  
*Instructor in Physical Education*
- ROEBUCK, JULIA HENSLER (1946) B.A., Kentucky Wesleyan College  
*Instructor in English*
- SALLS, DONALD J. (1946) Ed.D., New York University  
*Professor of Physical Education*
- SELF, MABEL F., (1957), M.A., Duke University *Instructor\**
- SELF, REUBEN (1928) Ed.D., New York University  
*Professor of Secondary Education*
- SELF, JANE D. (1928) M.A., New York University  
*Assistant Professor of Education  
and Supervisor of Sr. High School Grades*
- SHAW, NETTIE (1955) M.A., Alabama Polytechnic Institute  
*Assistant Professor of Education and Supervisor of Primary Grades*
- SINGERMAN, ALBERT (1957) M.A., Teachers College, Columbia University  
*Assistant Professor of Music*

\*Part Time

- SMOAKE, J. ALFRED (1947) M.S., Alabama Polytechnic Institute  
*Assistant Professor of English*
- \*\*SNODDY, GAITHER B. (1950) M.S., M.A., University of Alabama  
*Assistant Professor of Science*
- SPAKOVSKY, ANATOL von (1957) Ph.D., University of Yugoslavia  
*Assistant Professor of Sociology*
- SPARKS, DAN C. (1957) M.M., Cincinnati Conservatory of Music  
*Assistant Professor of Music*
- STEPHENSON, MARY ETTA THOMAS (1922) M.A., Peabody College  
*Assistant Professor of Education  
and Supervisor of Senior High School Grades*
- STEVENSON, HORACE LEE (1934) M.A., University of Alabama  
*Assistant Professor of History*
- STONE, ERNEST (1945) M.A., University of Alabama  
*Professor, Director of Extension  
and Superintendent of Jacksonville Schools*
- STONE, KATHERINE G. (1944) M.A., University of Alabama  
*Associate Professor of Education  
and Principal of Elementary Laboratory School*
- STRICKLAND, HAROLD S. (1955) Ed.D., George Peabody College for  
Teachers  
*Assistant Professor of Science*
- TAYLOR, GREENE Y., (1955) Ed.D., University of Alabama  
*Associate Professor of Education*
- THOMPSON, RICHARD N. (1956) Dr-Ing., Technische Universitaet, Berlin  
*Instructor in Social Sciences*
- TREDAWAY, MARTHA S. (1954) M.A., Alabama Polytechnic Institute  
*Assistant Professor of Education and Supervisor of High School Grades*
- TREDAWAY, FLOYD (1954) M.S., Alabama Polytechnic Institute  
*Assistant Professor of Business*
- VAN KEUREN, EDWIN (1956) Ed.D., New York University  
*Assistant Professor of Political Science*
- WALKER, CARL E. (1957) M.A., University of Kentucky; M.Ed, Univer-  
sity of Denver  
*Assistant Professor of Business*
- WALLACE, MELTON B., (1957) M.A., University of Alabama *Instructor\**
- WATSON, RAYMOND C., Jr., (1954) M.S. in Engineering, University of  
Alabama P.E.  
*Assistant Professor of Engineering*
- WEDGEWORTH, WALTER RAYMOND (1948) B.S., Jacksonville State  
College  
*Instructor in Physical Education*
- WHATLEY, GEORGE (1957) M.A., University of Alabama  
*Assistant Professor of History*
- WILLIAMS, ROBERT EDWARD (1948) M.A., University of Alabama  
*Assistant Professor of Economics*
- WRIGHT, E. BASKIN (1950) M.A., University of Wisconsin  
*Director, Student Personnel*

\*Part Time

\*\*On Leave

## COMMITTEES OF THE FACULTY 1958-59

1. *Administrative*

Dr. Cole, Chairman  
 Dr. Montgomery  
 Dr. Allison  
 Dr. Anders  
 Dr. Calvert  
 Dr. Arnold  
 Mr. Mason

2. *Rules and Regulations*

Dr. Allison, Chairman  
 Dr. Cohen  
 Mrs. Roebuck  
 Mr. Mason  
 Mr. Miles

3. *Honor Council*

Dr. Anders, Chairman  
 Dr. Self  
 Mr. Brittain  
 Mrs. Lowrey  
 Mrs. Hicks  
 Officers of S.G.A.

4. *Faculty Social*

Mrs. Lowrey, Chairman  
 Mrs. Calvert  
 Miss Branscomb  
 Mrs. Matthews  
 Miss Millican  
 Mrs. Lindsey

5. *Catalog and Official Publications*

Dr. Mock, Chairman  
 Dr. Calvert  
 Miss Olsen  
 Dr. Van Keuren

6. *Registration*

Mr. Miles

7. *Athletics*

Mr. Bush, Chairman  
 Mr. Smoake  
 Mr. Glover  
 Mr. Edwards  
 Dr. Taylor

8. *Freshman Advisement*

Dr. Willman, Chairman  
 Mr. Wright  
 Mr. Edwards  
 Mrs. Klaus  
 Mrs. Crow  
 Mr. Bullock

9. *Library*

Dr. Mock, Chairman  
 Miss Bennett  
 Dr. Mainland  
 Mrs. Cohen  
 Mr. Freymuth

10. *Student Council*

Dr. Anders

11. *Student Work*

Mr. Wright, Chairman  
 Mrs. Mock  
 Mr. Glover  
 Mr. Edwards

12. *Convocation*

Mr. Mason, Chairman  
 Miss Luttrell  
 Mr. McCluer  
 Miss Branscomb  
 Miss Millican

13. *Honors and Awards*

Dr. Calvert, Chairman  
 Mr. Miles  
 Mr. Gilbert  
 President of S.G.A.

14. *Calendar of Events*

Mrs. Mock

15. *Elementary Education  
Scholarships*

Dr. Montgomery, Chairman  
 Mr. Mason  
 Dr. Taylor  
 Mrs. Calvert

16. *Academic Pilot Committee*

Dr. Montgomery, Chairman  
 Dr. Allison  
 Dr. Anders  
 Dr. Cohen  
 Mr. Boozer  
 Mr. Freymuth  
 Mr. Miles

17. *Faculty Handbook*

Dr. Van Keuren, Chairman  
 Dr. Taylor  
 Dr. Mainland  
 Miss Branscomb  
 Miss Olsen



## GENERAL INFORMATION

### INTRODUCTION

Jacksonville State College is a multi-purpose institution, located in northeast Alabama, to serve primarily the citizens of that area. It offers the A.B., B.S. and B.S. in Education degrees and in addition, basic engineering, pre-professional training for medicine, law, veterinary medicine, pharmacy and agriculture.

In addition to its undergraduate program, it provides the fifth year of training, culminating in the M.S. degree in Education. This program is provided through its graduate division and was added in the summer of 1957.

To further aid the citizens of the area, it provides an evening session, primarily designed for the areas of Business Administration and General Education.

A summer school is also provided which offers the same quota of courses as does the regular session. During this session credit may be earned toward graduation or may be used in securing, extending or renewing teachers' certificates. The college maintains laboratory schools at both the secondary and elementary level in which its students are given training in the application of the principles learned in the theory and subject matter classes.

The Department of the Army operates a Senior Division, Branch General, Reserve Officers Training Corps unit at Jacksonville with a four year course of instruction. The first and second years deal with subjects pertaining to the Army in general, while the advanced course is especially designed to develop junior officers for the Officers' Reserve Corps and the Regular Army.

One of the most valuable agencies in the academic life of any college is the library. As such the library at Jacksonville receives sufficient funds for the purchase of books and materials to keep it adequate to the needs of both undergraduate and graduate students.

It is the aim and objective of the Jacksonville State College to provide for intellectual stimulation, emotional stability, and esthetic appreciation in an atmosphere conducive to physical, moral and spiritual development.

The campus itself is located on the northern edge of the city and has had considerable landscaping which has greatly accentuated its natural beauty. The buildings are located so as to provide maximum accessibility from all parts of the campus.

Students may be admitted to advanced standing by presenting credits from an approved institution or college of university rank. Such credits will be accepted as are fair equivalents of the courses offered at this institution.

Medical examinations are required for every student entering the college for the first time. These examinations must be administered at the

students' own expense and should be made not earlier than three months nor later than fifteen days prior to the date of registration.

The staff of the Dean of Students is always available to help students with their problems, personal, vocational, academic and otherwise. He has available persons qualified to advise students on such matters.

The discipline of the college is administered by a standing discipline committee, and the college reserves the right to suspend or expel any student without formal charges, if, in the opinion of the discipline committee such action is advisable. Discipline in the residence halls is administered by the Housing Committee and the college reserves the right to expel and/or exclude any student from the residence halls, if, in the opinion of the Housing Committee such action is advisable. General regulations pertaining to conduct and general residence hall regulations may be found in the student handbook.

### SCHOLARSHIPS AND LOAN FUNDS

I. State Department of Education Scholarships: Fifty scholarships per semester are made available to students in elementary education by the State Board of Education.

II. Loan and Revolving Fund Scholarships available at 4% interest:

The Birmingham News provides for loans on a revolving basis.

The L. H. Ellis Fund was bestowed by Mr. L. H. Ellis, former lieutenant governor of the state, to provide aid for worthy students.

Graduating Class Gifts: This fund has been built up by gifts made to the College by graduating classes in recent years. These gifts are intended to provide help for members in succeeding classes.

The C. B. Henry Fund was established by Mrs. C. B. Henry to give opportunity to self-help students.

The L. O. Kyzer Fund was set aside by a former member of the College faculty.

The Episcopal Loan Fund was established by the women of St. Luke's Episcopal Church in Jacksonville in memory of Septima Rutledge.

III. Loan and Revolving Fund Scholarships available without interest:

The Leone Cole Memorial Scholarship is given by the Jacksonville Book Club in memory of a deceased member, the late wife of the president of the college. The Book Club determines the recipient of the scholarship.

IV. Gift Scholarships:

The Alabama War Chest Gift Scholarship provides three \$100 gift scholarships to veterans and/or sons and daughters of veterans of World War II who entered the service from the State of Alabama. Applications for these gift scholarships must be made through the Director of Student Personnel.

The Mrs. Elizabeth R. Alison Gift Scholarship is given to a student chosen by the donor.

The American Legion Gift Scholarship was established by the Alabama Division of the American Legion. Aid from the fund is restricted to descendants of members of the Legion.

The Anniston Exchange Club Gift Scholarship is awarded a student selected by this club.

The Anniston P. T. A. Gift Scholarship is awarded to a student selected by the Anniston P. T. A.

The Anniston Star Gift Scholarship is given to a student chosen by this newspaper.

The Boy and Girl of the Year Scholarship is given to a boy and girl chosen by the Chattooga County, Georgia, committee.

The Mr. and Mrs. Stanton Bryon Gift Scholarship is available to students selected by the donor.

The Hugh Comer Fund was bestowed by Mr. Hugh Comer to furnish aid to students requiring financial help.

The Clarence W. Daugeette Memorial Fund and the John H. Forney Memorial Fund are U. D. C. Division Scholarships. These funds were founded by Mrs. C. W. Daugeette and by the Alabama Division of the United Daughters of the Confederacy.

The Decatur Rotary Club Gift Scholarship is awarded the student chosen by this club.

The Future Homemakers of America Scholarship is available to a student selected by the donor in the field of home economics.

The Grand Order of the Eastern Star Gift Scholarship is given to a student selected by this organization.

The Lindley Heflin Gift Scholarship is awarded to a student selected by the scholarship committee.

The International House Gift Scholarship is awarded the student selected by the donor.

The A. P. Johnston Memorial Fund was established by Mrs. A. P. Johnston and daughter, Mildred, in memory of their husband and father, a graduate and friend of the college.

The Thomas D. Russell Gift Scholarships are available to students selected by the donor.

The Paul Snow Gift Scholarship is given to a student selected by the donor.

The W & L Foods Foundation is a gift scholarship given to the student selected by the foundation committee.

### APPOINTMENTS BUREAU

The College has an appointments bureau which serves its students and graduates without charge. Employing officials will be given confidential information upon request. The office is in Bibb Graves Hall. For information, write to the Director of Appointments or Dean of Students.

### SUGGESTIONS FOR PROSPECTIVE STUDENTS

1. Students wishing to matriculate should, if possible, send in ad-

vance of their arrival an official transcript of their credits in order to facilitate registration and classification. If this procedure is impracticable, students should bring their certified credits, diplomas, certified statements of graduation, testimonials of former teachers, and any letter concerning their matriculation or credits.

2. Rooms should be engaged as early as possible. This should be done through the Director of Housing. For rooms in the dormitories, reservation will be made on the deposit of a non-refundable \$1.00 per student.

3. Rooms in the dormitories are provided with bedroom furniture, mirrors, tables and chairs, but students must furnish bed linen, towels, curtains, etc.

4. Enough money to cover entrance fees, board, and books should be brought for immediate use.

5. Mail addressed to a student in care of Jacksonville State College should specifically indicate the dormitory in which the student resides. In the case of students living off the campus, the local address should always be used.

6. Prospective students should study this entire bulletin carefully, and if they fail to find in it all the information desired, or if they do not understand its statements, they should write the president for more information.

7. Students living in the housing units on the old campus must take a full load and be full-time students on the campus. Work taken in the evening session does not count in determining this full load so long as there is a waiting list.

### ROOM AND BOARD

Room and board, payable in advance, is \$196.00 per scholastic semester in all dormitories. All students rooming in the dormitories are required to take meals in the cafeteria. No reduction from the semester rate may be allowed for room and board for any student unless he enters more than two scholastic weeks late and no reductions are allowed for a shorter time than two scholastic weeks unless the exception is approved by the Dietitian and the College Treasurer.

Students withdrawing from the dormitories for unavoidable reasons will have the unused part of their room and board refunded to them on a pro-rata basis when such a withdrawal has been approved by the Treasurer. Students are required when withdrawing from a dormitory to present to the Treasurer their Dormitory Record Sheet completed and signed by the Dormitory Director and Dietitian. All refunds for room and board are calculated on a pro-rata basis.

Due to variations in costs, rates for room and board are subject to change without notice.

Rates for summer session to be announced.

### AVERAGE COST PER STUDENT PER SEMESTER

The estimated costs listed below are intended only to aid the student

in approximating his needs for one semester. This schedule does not include laboratory fees charged for credits in science, music, and home economics courses as outlined; or for deposits, special services or materials that the student may require.

|                                   |                 |
|-----------------------------------|-----------------|
| 16 hours .....                    | \$ 40.00        |
| Registration fee .....            | 25.00           |
| Books and supplies .....          | 20.00           |
| Room and board per semester ..... | 196.00          |
| <b>Total .....</b>                | <b>\$281.00</b> |

**ACTUAL FEES AND DEPOSITS**

|                             |  |
|-----------------------------|--|
| *Incidental Fee             | \$ 2.50 per semester hour per student                    |
| *Registration Fee           | \$25.00 per semester per student                         |
| **Certificate Fee           | \$ 2.00 per student                                      |
| **Cap and Gown Rental       | \$ 1.50 per student                                      |
| **Degree Fee                | \$10.00 per student per diploma                          |
| **Late Registration Fee     | \$ 3.00 per student                                      |
| **Out of State Fee          | \$22.50 per student per semester or<br>Summer Session    |
| **Transcript of Records     | \$ 1.00 each after the first one has<br>been issued      |
| **Deferred Exam or Test Fee | \$ 1.00 per exam or test                                 |
| **ROTC Uniform Deposit      | \$10.00 per student (refunded on re-<br>turn of uniform) |

\*Required of each student each semester and summer school session.

\*\*Required of students only when applicable.

**LABORATORY FEES**

**Biology**

|                         |                                  |
|-------------------------|----------------------------------|
| 101-102-321             | \$ 3.00 per student per semester |
| 241-242-251             | \$ 3.00 per student per semester |
| 252-301-302-332         | \$ 3.00 per student per semester |
| 322-323                 | \$ 4.50 per student per semester |
| 431-432-433-471-472-473 | \$ 6.00 per student per semester |

**Chemistry**

|                 |                                  |
|-----------------|----------------------------------|
| 201-202         | \$ 6.00 per student per semester |
| 242-301-302     | \$ 7.50 per student per semester |
| 401-402-481-482 | \$ 7.50 per student per semester |

**Science**

|         |                                  |
|---------|----------------------------------|
| 221-222 | \$ 3.00 per student per semester |
| 361     | \$ 1.50 per student per semester |

**Physics**

|                 |                                  |
|-----------------|----------------------------------|
| 252             | \$ 4.50 per student per semester |
| 201-202-211-212 | \$ 7.50 per student per semester |

**Home Economics**

|  |  |
|--|--|
| 131-271-352-431-472                            | \$ 3.00 per student per semester                   |
| 232  | \$ 6.00 per student per semester                   |
| 122-221-322-341-371                            | \$ 7.50 per student per semester                   |
| 422-442  | \$10.00 per student per semester                   |
| English Laboratory Fee<br>(000 and/or 001)     | \$ 7.50 where no semester hours credit<br>is given |
| Mathematics Laboratory Fee<br>(001 and/or 032) | \$ 7.50 where no semester hours credit<br>is given |
| Extension Fee<br>(for each 3 hour course)      | \$18.00 per semester per student                   |
| Business Subjects:<br>Typing 284-384-385       | \$ 5.00 per student per semester                   |

**MUSIC**

|  |   |
|--|---|
| Applied Music 171 through 473  | \$22.50 per student per semester<br>for Music Majors and Minors |
|  | \$45.00 per student per semester<br>for Non-Music Majors        |
| Applied Music 281 through 483  | \$ 3.75 per student per semester                                |
| Band or Orchestra Instrument Rental (when student does not have his<br>own instrument) | \$ 9.00 per student per semester for<br>Private Lessons         |
|  | \$ 4.50 per student per semester for<br>Class Lessons           |
| Practice Room Rental<br>For Voice, Piano or Organ                                      | \$ 4.50 per student per semester for<br>use 1 hour a day        |
| Practice Space   | \$ 9.00 per student per semester for<br>use 2 hours a day       |
| For Band or Orchestra  | \$ 2.25 per student per semester for<br>use 1 hour a day        |
| Instrument Practice Space  | \$ 4.50 per student per semester for<br>use 2 hours a day       |

**EVENING SESSION**

A flat rate charge of \$10.00 per semester hour attempted constitutes the total amount of fee charges applicable only to the evening session. The same refund schedule in effect for the day session students will apply to evening session students.

**NURSERY SCHOOL**

The Nursery School furnishes college students and parents of nursery school age children opportunities for observing the interests and responses of little children in the various activities as well as for assisting in the Nursery School Program. A charge of \$67.50 per scholastic semester is

payable to the college Treasurer for each child enrolled in the Nursery School.

**REFUNDS**

A student wishing to withdraw from college within any scholastic period must procure permission from the Dean before any fee refund may be made. In no case will the registration fee be refunded except as a result of the student's entrance in the Armed Forces within the scholastic period. All other fees shall be refunded in accordance with the following schedule:

|  |     |
|--|-----|
| During registration period .....   | 90% |
| First two weeks after close of registration period .....                           | 80% |
| Within four weeks of the close of registration period .....                        | 50% |
| Within six weeks of the close of registration period .....                         | 25% |
| No refund of fees allowed after six weeks from the end of the registration period. |     |

A student must furnish the Treasurer through the Office of the Dean his activity book, ROTC uniform release slip, release from dormitory, unused meal ticket, and official withdrawal notice given by the Office of the Dean.

**AIMS AND OBJECTIVES OF THE COLLEGE**

It is the aim and objective of Jacksonville State College to provide for intellectual stimulation, emotional stability, and esthetic appreciation in an atmosphere conducive to physical, moral and spiritual development.

- a. **Intellectual Stimulation:** To create a desire for truth and to acquaint the student with the means and techniques of searching out the truths that are necessary for more adequate living in his world.
- b. **Emotional Stability:** To give to the student an understanding of himself and his relation to his environment so that he may face his problems realistically.
- c. **Esthetic Appreciation:** To give opportunities whereby the student may gain a knowledge and appreciation of the art, music, literature and other cultural aspects of peoples of the world.
- d. **Physical Development:** To provide information and facilities for the development of the body in order that students and graduates will be able to enjoy and practice good health habits according to their individual needs.
- e. **Moral Development:** To provide an atmosphere which will encourage young people to formulate a philosophy of life based on ethical principles that will promote the growth of personality in keeping with the best moral precepts.
- f. **Spiritual Development:** To provide an environment in which the individual will gain an increasing understanding of a higher power and come to appreciate spiritual values and apply these values to his daily living.

**RULES AND REGULATIONS****A. ADMINISTRATION****REQUIREMENTS FOR ADMISSION**

Students are admitted at the beginning of each semester. Applications for admission should be submitted to the Director of Admissions. It is the student's responsibility to see that his high school or college credits are submitted to the Director of Admissions in advance of registration.

Students under academic probation at other accredited institutions may petition for admission to this college, provided they are eligible to return to the institution at which they are on probation.

Students under academic suspension at other accredited institutions may not, under any circumstances, be admitted to this college.

Students under disciplinary probation or suspension at other accredited institutions are not eligible to enroll at this institution.

1. Admission to the Freshman Class—Graduates of an accredited high school are eligible for admission to the freshman class by presenting a transcript of credits showing a minimum of fifteen acceptable units from a four-year high school or a minimum of eleven acceptable units from a three-year secondary school which required for admission the completion of a three-year junior high school program.

The units offered for admission must include at least three units in English and not more than four of the fifteen from the four-year school, nor more than three of the eleven from a three-year school, may be in vocational subjects.

2. Special students—Applicants twenty years of age or over who desire to pursue special courses may be admitted without formal examination, but must give evidence of adequate preparation to the Instruction Committee and to the heads of departments in which the courses are sought.

Special students cannot become candidates for degrees or apply for teachers' certificates until admission requirements have been met in full.

In order for a special student to room in a dormitory, he must take at least fifteen hours of work, six of which must be in non-vocational subjects, and must conform to all regulations governing other students.

3. Advanced Standing—A student may be admitted to advanced standing by presenting credits from an approved institution of college or university rank. Credits on which a "C" grade or better has been earned at other recognized higher institutions will be accepted for such courses as fair equivalents of the courses offered at this institution. Any student wishing to transfer credits from another college must ask the Registrar or Dean of that college to send a full official statement of his credits several weeks in advance of his arrival at this college. Failure to do this may cause the student to register for and take a course for which equivalence would have been allowed.



Extension or correspondence credits on which a "C" grade or better has been earned at other recognized institutions may be used toward graduation if they are on file in the Office of Admissions at least four weeks in advance of graduation and they meet specific requirements set forth under academic requirements for graduation.

Advanced standing in accordance with that which is recommended by the American Council on Education and in accordance with good policy will be given to veterans who apply for it. Veterans desiring such credit must make application in the Office of Admissions by presenting a copy of their discharge or an official statement of educational experiences and training.

Veterans of the armed forces and others who are not high school graduates meeting certain qualifications of the Admissions Committee will be accepted for admission to the freshman class if they can pass the General Educational Development Test with a score of not less than 50 in each phase of the test and present a certificate of high school equivalency.

### REGISTRATION

All students must register and pay entrance fees before being admitted to classes. The procedure of registering and classifying will be explained to the student at the time of registration. Members of the classification committee and other members of the faculty advise with the students in regard to their program of studies. It is urgent that a student register and classify during the days set apart for that purpose.

Late Entrance. Students enrolling after class work begins are charged an extra fee of \$3.00, and will incur absences.

### CHANGES IN REGISTRATION

No changes in a student's program of studies will be permitted, nor may courses be dropped later than the third week of the semester. Such changes must be made through the Admissions Office. No student will be dropped from the class roll until the instructor is officially notified by the Director of Admissions. A student who drops a course without the permission of the Director of Admissions will receive an F on the course at the end of the semester. The Director of Admissions may approve a "drop" after the three-weeks' period without penalty to the student, provided the student has a "B" or better average and there are extenuating circumstances.

### CLASS SIZE

The institution reserves the privilege of withdrawing any course in which fewer than ten students have enrolled. Large classes will be divided into two sections whenever it is deemed that the interests of the students will be better served.

### WITHDRAWALS

A student wishing to withdraw from college within any semester must

procure permission from the Dean. Such permission will entitle the student, provided he is passing his work, to have his permanent record show the notation "withdraw, passing," which indicates good standing and the privilege of readmission. Permission for withdrawal granted a student who is failing will not relieve the student of the penalties ordinarily incurred (scholastic probation or suspension), should he complete the semester.

### COURSE CREDIT

Credit for fewer hours than a course calls for will not be given except in the cases of the following: students called into the armed services of the United States; those who, in accordance with provisions in previous catalogues, have been granted partial credit on courses that are required or prerequisite at this institution; and graduating seniors who must fulfill requirements during their last year in residence.

### CORRESPONDENCE AND EXTENSION

Credit secured through correspondence or extension courses from other accredited colleges or universities, and extension credit for courses from Jacksonville may be counted towards graduation, provided that the total work done through correspondence or extension, or through a combination of both, does not exceed 10 per cent of the work done at this institution. A student may not finish by correspondence, but may complete as many as seven credits in residence at an accredited 4-year college. Only credits on which a "C" grade or better has been earned will be accepted.

### ATTENDANCE AT CLASSES

A student is held responsible for attendance at all classes for which he registers. A student is permitted one absence without penalty for each semester hour of credit per class. For each absence in excess of this number the student's final grade for the semester will be lowered one letter. The only exception to this rule will be absences excused by the Dean of Students, together with the Attendance Committee, for those absences that involve representation of the college, off campus, in official capacity; serious illness, death in the immediate family and such other reasons as satisfactory to the Committee. A student may not receive credit for any class in which he has failed to be present 70% of the time, regardless of the reason.

### CLASSIFICATION OF STUDENTS

Students, including transfers, will be classified as sophomores, juniors or seniors when they are within eight semester hours of the normal requirements of the curriculum they are following and have earned in residence as many quality points as hours attempted at that level. Before a student can enter the junior level, he must have obtained as many quality points as hours attempted in order to be eligible to take 300 or above courses.

### COMPETENCE IN ENGLISH

Students who are reported for incompetence in English are: 1. not eligible to enter professional education courses until they have removed their incompetence and 2. will not be certified for graduation until they have satisfied the minimum requirements of standard English at the college level, regardless of whether they have passed required courses.

### DUPLICATION OF COURSES

Credit toward graduation for any course, or part of a course, will not be granted twice. This rule applies to all credit, whether the work is pursued at Jacksonville or at other colleges or universities by transfer students.

### SEQUENCE OF COURSES

Prerequisites listed in this catalogue must be observed; students should complete all work of freshman and sophomore level before entering advanced courses.

No senior can graduate until he has completed at least one full semester's work beyond any freshman and sophomore requirements. Exception may be made in the case of a senior who transferred to this college as a junior and has since been unable to schedule a freshman or sophomore requirement because it has not been offered.

### STUDENTS' RESPONSIBILITY

All students are held responsible for meeting the requirements for graduation as set forth in the Catalogue. These requirements are clearly stated in proper places under proper headings. If the student is uncertain as to the program he is following, he should consult the Catalogue, using the index, if necessary, to locate needed information. If he has lost count of credits earned or those still to be earned, he should consult or write the Director of Admissions.

## B. ACADEMIC

### REQUIREMENTS FOR GRADUATION

#### GENERAL REQUIREMENTS

To be considered a candidate for graduation the student must:

1. Fulfill the specific requirements for a particular degree as set forth in the following pages.
2. Spend at least two semesters (36 weeks) in full-time residence work at Jacksonville even though he has been admitted to advanced standing or has transferred credits.
3. Pursue the last semester of work in residence at Jacksonville.
4. Have no more than 10% of the hours required for the degree or of the work done in residence here for this degree in extension or correspondence work or in a combination of these.
5. Carry successfully for at least two years a one-hour course in military training if a male and physically fit and not yet 25 years

of age. Veterans will apply to the PMS&T for partial or full waiver of this requirement.

6. Pass the English Competence Examination.
7. As of September 1, 1957, earn as many quality points as hours of credit attempted and attain other standards approved by the faculty.

The following represents the grading system used by the College and the basis upon which quality points are earned:

- A—Superior—three quality points per hour.
- B—Excellent—two quality points per hour.
- C—Average—one quality point per hour.
- D—Below Average—no quality points per hour.
- F—Failure—no quality points—failing grades may not be removed other than by work in residence on this campus.
- I—Incomplete—no quality points.\*

The passing grade is D.

\*A teacher may give an incomplete to a student who is otherwise passing and who for legitimate reasons is unable to complete the prescribed work of a course (such as missing a final examination due to illness). An incomplete must be removed within the next semester in residence and in all cases within 12 months, otherwise the incomplete becomes a failure.

## I. BACHELOR OF ARTS

In order to qualify for the degree of bachelor of arts, a student must satisfy the following requirements:

1. He must complete 128 semester hours of college work and must earn as many quality points as hours attempted (as of September 1, 1957).
  - (a) Those entering with advanced standing must earn as many quality points as hours attempted in this institution.
  - (b) A candidate for graduation lacking as many as seven hours may complete requirements by taking the work in residence at a four-year accredited college or university. Only credits on which a "C" grade or better has been earned will be accepted.
  - (c) A student must make as many quality points as hours attempted in his major and minor subjects and in major and minor taken in residence here.
  - (d) At least 40 per cent of the credits presented for a degree must be in courses numbered 300 and above.
  - (e) No matter to what advanced standing the candidate may have been admitted, or what credits he may have transferred, he must receive credit at Jacksonville for at least 12 hours of advanced work in his major subject and six hours in his minor subject.
  - (f) R.O.T.C. 301, 302, 401, and 402 may be counted as an elective of 12 hours. Completion of R.O.T.C. 302, 401, 402 and one summer camp is required of those students who enroll in R.O.T.C. 301.

2. The 128 hours required for the A.B. degree must include the following:

- a. 14 hours in English
  - English 101, 102, 241 8 hours
  - English 201, 202
  - or
  - English 301, 302 6 hours
- b. 12 hours in social science (2 areas suggested)
  - History 201, 202 required 6 hours
  - Political Science, Sociology,  
Economics, Geography\* 6 hours
- c. 14 hours in science (2 areas required)
  - (Algebra and Trigonometry can be used for one year in the combination with any science other than general science.) It is recommended that the student consult the adviser for the possible combination of science. Example:  
Mathematics-Biology  
Mathematics-Chemistry
- d. 12 hours in a foreign language\*\* (French, Spanish or German).
- e. 4 hours in health and physical education or 4 hours in military training (men).
- f. Students will be expected to complete the general subject requirements for graduation during the freshman and sophomore years, in so far as this is possible. In case of deficiencies students must register for courses which will remove such deficiencies before they will be permitted to elect other courses.
- g. All students must take Freshman English until it is satisfactorily completed. Students who by placement do not qualify for English 101 must take English 001 until they are eligible for 101.

3. Major and Minor Requirements

- a. Majors and minors for the A.B. degree may be selected from any fields in which majors or minors are offered.
- b. A student must select his major and minor subjects before the end of his sophomore year, or, if a junior or senior transferring from another college, before he registers for any work leading to a degree from this institution. The choice of the major and minor fields must be made only after consultation with the professors in these fields and must have the approval of both the major and the minor professor. The program of study should be entered on blanks furnished in the Office of Admission. These blanks should be returned to the same office for final approval during the semester in which the student elects his fields of concentration.

\*A student may take six hours in any one of these or in any combination of these.

\*\*A student with two years of high school credit will be required to complete one year of intermediate language. Others must complete two years to receive credit.

- c. The student must, before each registration, confer with his major and his minor professor, or their representatives, and secure their approval of the choice of courses for the major and minor (or minors), of electives, and of the sequence of such courses.
- d. The student may satisfy the requirements for a major by completing not less than 24 semester hours nor more than 36 semester hours in one department and a minor by at least 18 semester hours. The student may take an additional minor. Whether the minor or minors shall be related or unrelated will be subject to the approval of the major and minor professors and the Dean. At least 12 hours of the major and 6 hours of the minor must be done in courses numbered 300 or above.
- e. Students who major in non-academic subjects such as music, business administration, physical education, etc., must choose at least one academic minor to be eligible for a degree from this institution.

## II. BACHELOR OF SCIENCE

The requirements for the bachelor of science degree are the same as those for the bachelor of arts degree, with the following exceptions:

1. No foreign language is required except where the major is chemistry and the minor is biology.
2. Majors for the B. S. degree may be selected from the following fields: biology, business administration, chemistry or mathematics. With the exception of a student majoring in mathematics, a minor may be selected from any field in which a minor is offered. Students majoring in mathematics must select a minor from the following: biology, business administration, chemistry or physics. See d under major and minor requirements for the A. B. degree.

## III. BACHELOR OF SCIENCE IN EDUCATION

### 1. Elementary Education:

- a. There are no major and minor requirements for this degree.
- b. One year of a biological science and one year of a physical science are required.
- c. The following contributing courses are required:
 

|                    |                       |
|--------------------|-----------------------|
| History 361        | 2                     |
| History 444        | 3                     |
| History 201 or 202 | 3                     |
| Science 361        | 4                     |
| English 361        | 3                     |
| Physical Education | 4 including P. E. 361 |
| Music 461          | 2                     |
| Art 461            | 2                     |

---

23 hours

NOTE: A minimum of ten hours of the credit listed above must be completed by the end of the junior year.

- d. A minimum of three hours must be chosen from each of three fields in the Division of Social Sciences.
  - e. See first page of Summary of Requirements for full details.
2. Secondary Education:
- The requirements for a B. S. degree in Secondary Education are the same as those of the A. B. degree with the following exceptions:
- a. No foreign language is required.
  - b. Majors may be chosen from the following departments: chemistry, biology, mathematics, history, physical education, business education, music, English, French, home economics, Languages, and natural science.
  - c. With the exception of psychology and business administration, a minor may be selected from any field in which a minor is offered. See d under major and minor requirements for A. B. degree. A minor in humanities may be chosen only by those majoring in natural science.
  - d. A minimum of 3 hours must be chosen from each of two fields in the Division of Social Sciences.
  - e. A student must take one year of a biological science and one year of a physical science.
  - f. Not more than 54 semester hours may be earned in any division.

**PROFESSIONAL EDUCATION**

No student will be graduated with a B. S. in Education who has not completed at least ninety clock hours of supervised (or directed) teaching under conditions that have been approved by the State Department of Education. Students in professional education must earn as many quality points as hours of credit attempted in professional education.

Students who wish to begin junior courses in education (or senior courses in elementary education) must:

- 1. Secure the application form for education courses from the Office of the Director of Admissions.
- 2. Fill in and file this form at least twelve weeks before courses may begin.
- 3. Have credit for the following work or for substitute courses approved by this catalogue:

|   |          |
|---|----------|
| English 101, 102; 241; 201, 202 or 301, 302 | 14       |
| Social Science 101, 102, 201, 202           | 12       |
| Science 101, 102, 221, 222; Math 232        | 17 or 14 |
| Psychology 201; Physical Education 4        | 7        |
| Approved electives                          | 14 or 17 |

Total Hours 64

- 4. Have as many quality points as hours attempted in major and minor subjects.
- 5. Have passed the English Competence Examination.

6. Secure the approval of the head of the department in which their major academic work is done.

When the student's application for student teaching has been approved by the Director of Admissions, it will be submitted to the proper director who will secure the approval of the head of his major department and determine the time at which the teaching is to begin.

#### TESTS AND EXAMINATIONS

Final examinations are held during the last week of each semester, with the exception of graduating seniors, whose examinations will be given in advance. Any student who misses the final examination or the regularly announced tests, not exceeding four during the semester, will be charged a fee of \$1.00 for the privilege of making up each one of such tests or examinations. A receipt from the Bursar for the payment of this fee must be presented to the instructor before the deferred test or examination is given.

#### POSTING GRADES

Course grades of each class will be posted not later than 8:00 a.m. on the first day of registration for the next semester.

No grade except Incomplete (I) may be changed after the posting of grades except in the case of error in posting or in communication of student's grade to the Office of Admissions. A teacher desiring to change a grade other than an incomplete must make written application to the Dean's Office stating the reason for the error and the need to change within two weeks after the turning in of the grades.

#### CANDIDATES FOR DEGREES

Application for admittance to candidacy for a degree may be submitted to the Director of Admissions during the first half of the first semester of the student's senior year. Before the student is admitted to candidacy, he must have satisfied the faculty as to his knowledge and use of the English language and as to his general intellectual and moral fitness for a degree from this college.

#### BASIC REQUIREMENTS FOR THE RECOMMENDATION, RENEWAL AND REINSTATEMENT OF CERTIFICATES FOR ALABAMA TEACHERS

Holders of regular Alabama teachers certificates which have expired may reinstate these certificates by successfully completing nine semester hours of residence work at this college. All credits to be used for reinstatement must be earned within three years of the date the new certificate is to bear.

All recommendations for certificates and for their renewal and reinstatement follow the basic regulations of Bulletin No. 7, The Certification of Alabama Teachers, dated 1953, published by the State Department of Education.



**Class E Elementary Non-Professional Certificate**

A Class E Elementary Non-Professional Certificate may be issued to a person who has held a regular Alabama teacher's certificate of lower rank and who has earned 34 semester hours and 34 quality points as follows:

|                           |       |
|---------------------------|-------|
| Education                 | 4     |
| English                   | 6     |
| History or<br>Mathematics | 6     |
| Geography                 | 6     |
| Science                   | 6     |
| Health & P. E.            | 2     |
| School Music              | 2     |
| School Art                | 2     |
|                           | <hr/> |
|                           | 34    |

A Class E Elementary Non-Professional Certificate is valid for one year and is the authority of its holder to teach in grades one through six.

**Class D Elementary Non-Professional Certificate**

A Class D Elementary Non-Professional Certificate may be issued to a person who has previously held a regular Alabama teacher's certificate of lower rank and who has earned a minimum of 70 semester hours and 70 quality points as follows:

|                             |       |
|-----------------------------|-------|
| Education<br>(incl. psych.) | 16    |
| English                     | 12    |
| History or<br>Mathematics   | 6     |
| Geography                   | 8     |
| Science                     | 6     |
| Health & P. E.              | 6     |
| School Music                | 4     |
| School Art                  | 4     |
| Approved Electives          | 8     |
|                             | <hr/> |
|                             | 70    |

A Class D Elementary Non-Professional Certificate is valid for one year and is the authority of the holder to teach in grades one through six.

**Class C Elementary Non-Professional Certificate**

A Class C Elementary Non-Professional Certificate is based upon three years of approved work and is the lowest elementary certificate granted to a person who has not previously held a regular Alabama teacher's certificate. An applicant for this certificate must have senior rank at this college. For this college to recommend him or her for the Class C Elementary Non-Professional Certificate, a student must have earned 96 semester hours and 96 quality points as follows:

|   |    |
|---|----|
| Education   | 20 |
| Psychology 4-8  |    |
| Principles & Philosophy 2-6   |    |
| Materials & Methods 4-8   |    |
| Directed Teaching 2-8   |    |
| Electives 0-8   |    |
| English 101, 241  | 8  |
| English 201, 2  | 6  |
| Geography   | 6  |
| History 201, 2  | 6  |
| Biology 101, 2  | 8  |
| Math 232  | 3  |
| General Science 221, 2  | 6  |
| Art 133, 233  | 4  |
| Music 133, 233  | 4  |
| Health & P. E.  | 4  |
| Contributing Courses  | 10 |
| (Choose from English 361, Science 361, P. E. 361, History 361, History 444, Art 461, Music 461, P. E. Electives—2 hrs.) |    |
| Electives   | 11 |
|   | —  |
|   | 96 |

A Class B Elementary Professional Certificate, a conditional permanent certificate which is valid in periods of eight years, is the authority of the holder to teach in grades one through six. This certificate may be issued to a person who has been graduated with a bachelor's degree in the curriculum approved for the training of elementary teachers as outlined elsewhere in this catalogue.

A Class B Secondary Professional Certificate, a conditional permanent certificate which is valid in periods of eight years, is the authority of the holder to teach the subjects named on the face of the certificate and other high school subjects as conditions may require. This certificate may be issued to a person who has been graduated with a bachelor's degree in the curriculum approved for the training of secondary teachers as outlined elsewhere in this catalogue. The Class B Elementary and Class B Secondary Professional Certificates may be continued for a period of eight years from the date of lapse upon submission of proof of successful experience as a teacher for four of the eight years immediately preceding the date of lapse of the certificate, such proof to be in the form of written statements by employers.

A Class B Elementary-Secondary Professional Certificate may be issued to graduates who receive a B.S. in Education degree with a major in health and physical education or in music. This type of certificate permits the graduate to teach in the elementary or in the high school grades.

### Applications for Certificates

Individuals desiring certificates (or renewals and reinstatements of certificates) should file application with the Certification Secretary in the Office of Admissions. A \$2.00 certificate fee, which is forwarded with the credits to the State Department of Education, should accompany the application.

### C. HONORS AND AWARDS

High scholastic attainment in the college will be recognized in the following ways:

1. Dean's List—The names of students who obtain an average of 3.0 quality points will be published under the caption "Dean's List, Group A."  
The names of students who obtain an average of 2.5 quality points will be published under the caption "Dean's List, Group B."
2. Honors at Graduation—
  - (a) The phrase "With Distinction" will be engrossed upon the diplomas of graduating students who obtain an average over four academic years of 2.75 quality points.
  - (b) "With special honors in....." will be engrossed upon the diplomas of graduating students who maintain an average of 2.5 quality points in the major field.
  - (c) For purposes of determining eligibility for "distinction" and "special honors" the work of the student during the entire four years except the last semester in residence will be averaged to determine the quality points.
  - (d) Because of the difficulty of equalizing grading systems in different institutions, grades and courses transferred to this institution from any other college or university may not be used in determining quality points for honors.

### STUDENT LOAD

1. The normal student load for those in attendance during the regular session is defined as sixteen hours. Students are cautioned that an over-load militates against quality of work, and schedules calling for hours in excess of the normal load will not be approved except for:
  - a. Those who receive a 2-point average in the immediately preceding semester and who have the approval of the Director of Admissions.
  - b. Students taking music or pre-professional work, in which cases the prescribed courses or requirements are to be followed.
2. No student taking practice teaching in any area or Home Management or both may take in the excess of 17 hours during that semester.
3. Students in full attendance in the summer school are permitted a load of up to ten hours.
4. Students enrolling one week after class work begins in the regular session have their loads reduced three hours for that semester unless

during the last semester in college they made a 2-point average. Those entering as late as the end of the second week will have credits reduced in proportion to time lost.

5. The minimum load for any student is considered to be twelve hours for the regular semester and six hours in the summer session except by special permission of the President or Dean.

6. Students failing to pass 60 per cent of their work in any semester will have their course load reduced to a maximum of 12 semester hours and will be placed on academic probation. If they fail to pass 60 per cent of the reduced load, their names are automatically and permanently dropped from the college roll.

#### ELIGIBILITY

In order for a student to be eligible to represent the College, or any organization of the College, he must have a satisfactory conduct record and be in good academic standing.

For the Point System governing extra-curricular activities see the Student Handbook.



**SUMMARY OF REQUIREMENTS FOR VARIOUS DEGREES**

**B. S. IN ELEMENTARY EDUCATION**

| First Semester              |      | Second Semester             |      |
|-----------------------------|------|-----------------------------|------|
| <b>Freshman:</b>            |      |                             |      |
|                             | Hrs. |                             | Hrs. |
| English 101                 | 3    | English 102                 | 3    |
| Biology 101                 | 4    | English 241                 | 2    |
| Geography 101               | 3    | Biology 102                 | 4    |
| Art 133                     | 2    | Geography 102               | 3    |
| Music 133                   | 2    | Physical Education or       |      |
| Physical Education or       |      | Military Science            | 1    |
| Military Science            | 1    | Approved Electives          | 3    |
| Education 101               | 1    |                             |      |
|                             | —    |                             | —    |
|                             | 16   |                             | 16   |
| <br>                        |      |                             |      |
| <b>Sophomore:</b>           |      |                             |      |
| English 201                 | 3    | English 202                 | 3    |
| History 201                 | 3    | History 202                 | 3    |
| General Science 221         | 3    | General Science 222         | 3    |
| Art 233                     | 2    | Music 233                   | 2    |
| Physical Education or       |      | Physical Education or       |      |
| Military Science            | 1    | Military Science            | 1    |
| Approved Elective in Social |      | Psychology 201              | 3    |
| Sciences*                   | 3    | Approved Electives          | 2    |
|                             | —    |                             | —    |
|                             | 15   |                             | 17   |
| <br>                        |      |                             |      |
| <b>Junior:</b>              |      |                             |      |
| Psychology 331              | 3    | Psychology 332              | 3    |
| English 361                 | 3    | Science 361                 | 4    |
| Education 302-E             | 2    | Education 342               | 3    |
| Education 341               | 3    | Approved Electives          | 6    |
| Physical Education 361      | 2    |                             |      |
| History 361                 | 2    |                             |      |
| Approved Elective           | 1    |                             |      |
|                             | —    |                             | —    |
|                             | 16   |                             | 16   |
| <br>                        |      |                             |      |
| <b>Senior:</b>              |      |                             |      |
| Psychology 431              | 3    | Art 461                     | 2    |
| Education 431               | 3    | Education 473               | 3    |
| Education 471-472           | 6    | History 444                 | 3    |
| Music 461                   | 2    | Physical Education Elective | 2    |
| Approved Electives          | 2    | Approved Electives          | 6    |
|                             | —    |                             | —    |
|                             | 16   |                             | 16   |

\*Must be in an area other than history or geography.

## B. S. IN SECONDARY EDUCATION

| First Semester                           |      | Second Semester                          |      |
|--|------|--|------|
| <b>Freshman:</b>                         |      |  |      |
|  | Hrs. |  | Hrs. |
| English 101                              | 3    | English 102                              | 3    |
| Biology 101                              | 4    | English 241                              | 2    |
| History 101 or any other Social Science* | 3    | Biology 102                              | 4    |
| Education 101                            | 1    | History 102 or any other Social Science* | 3    |
| Physical Education or Military Science   | 1    | Physical Education or Military Science   | 1    |
| Approved Electives (or major)            | 4    | Approved Electives (or major)            | 3    |
|  | —    |  | —    |
|  | 16   |  | 16   |
| <b>Sophomore:</b>                        |      |  |      |
| English 201                              | 3    | English 202                              | 3    |
| History 201                              | 3    | History 202                              | 3    |
| Physical Science**                       | 3-4  | Physical Science**                       | 3-4  |
| Physical Education or Military Science   | 1    | Psychology 201                           | 3    |
| Approved Electives (or major)            | 5-6  | Physical Education or Military Science   | 1    |
|  | —    | Approved Electives (or major)            | 2-3  |
|  | 16   |  | 16   |
| <b>Junior:</b>                           |      |  |      |
| Psychology 331                           | 3    | Psychology 332                           | 3    |
| Education 302-S                          | 2    | Education 382                            | 3    |
| Education 381                            | 3    | Major & Minor & Approved Electives       | 10   |
| Major & Minor & Approved Electives       | 8    |  | —    |
|  | —    |  | —    |
|  | 16   |  | 16   |
| <b>Senior:</b>                           |      |  |      |
| Psychology 431                           | 3    | Education 482                            | 3    |
| Education 431                            | 3    | Major & Minor & Approved Electives       | 13   |
| Education 481                            | 6    |  | —    |
| Major & Minor & Approved Electives       | 4    |  | —    |
|  | —    |  | —    |
|  | 16   |  | 16   |

\*At least 3 hours in each of two fields of social science are required.

\*\*May be General Science 221, 2, or Chemistry 201, 2, or Physics 201, 2.

## B. S. DEGREE\*

| First Semester                         |    | Second Semester                        |    |
|--|----|--|----|
| <b>Freshman:</b>                       |    |  |    |
| English 101                            | 3  | English 102                            | 3  |
| Laboratory Science**                   | 4  | English 241                            | 2  |
| Social Science                         | 3  | Laboratory Science**                   | 4  |
| Physical Education or Military Science | 1  | Social Science                         | 3  |
| Education 101                          | 1  | Physical Education or Military Science | 1  |
| Approved Electives or Major            | 4  | Approved Electives or Major            | 3  |
|  | —  |  | —  |
|  | 16 |  | 16 |

**Sophomore:**

|   | Hrs.                       |   | Hrs.                       |
|---|----------------------------|---|----------------------------|
| English 201 or 301                        | 3                          | English 202 or 302                        | 3                          |
| History 201                               | 3                          | History 202                               | 3                          |
| Laboratory Science**                      | 4                          | Laboratory Science**                      | 4                          |
| Physical Education or<br>Military Science | 1                          | Physical Education or<br>Military Science | 1                          |
| Approved Elective or<br>Major             | 5                          | Approved Elective or<br>Major             | 5                          |
|   | <hr style="width: 100%;"/> |   | <hr style="width: 100%;"/> |
|   | 16                         |   | 16                         |

**Junior:**

|  |    |  |    |
|--|----|--|----|
| Major, Minor and<br>Approved Electives | 16 | Major, Minor and<br>Approved Electives | 16 |
|--|----|--|----|

**Senior:**

|  |    |  |    |
|--|----|--|----|
| Major, Minor and<br>Approved Electives | 16 | Major, Minor and<br>Approved Electives | 16 |
|--|----|--|----|

\*Majors may be chosen from biology, chemistry, mathematics and business administration. If mathematics is chosen, then the minor must be in a science or in business administration. See curriculum breakdown for a business administration major elsewhere in this catalogue.

\*\*General Science 221, 222 may not be taken in this curriculum. General Science 221, 222 may be taken in the Business Administration Curriculum, but in no other B. S. Curriculum except education. Algebra 101 and Trigonometry 102 (6 hours) may be taken in lieu of one year of a laboratory science.

**A. B. DEGREE**

**First Semester**

|   |                            |
|---|----------------------------|
| English 101                               | 3                          |
| Laboratory Science*                       | 4                          |
| Social Science                            | 3                          |
| Modern Language 101                       | 3                          |
| Physical Education or<br>Military Science | 1                          |
| Education 101                             | 1                          |
| Approved Elective or Major                | 1                          |
|   | <hr style="width: 100%;"/> |
|   | 16                         |

**Second Semester**

|   |                            |
|---|----------------------------|
| English 102                               | 3                          |
| English 241                               | 2                          |
| Laboratory Science*                       | 4                          |
| Social Science                            | 3                          |
| Modern Language 102                       | 3                          |
| Physical Education or<br>Military Science | 1                          |
|   | <hr style="width: 100%;"/> |
|   | 16                         |

**Sophomore:**

|   |                            |
|---|----------------------------|
| English 201 or 301                        | 3                          |
| History 201                               | 3                          |
| Laboratory Science*                       | 4                          |
| Modern Language 201                       | 3                          |
| Physical Education or<br>Military Science | 1                          |
| Approved Elective or<br>Major             | 2                          |
|   | <hr style="width: 100%;"/> |
|   | 16                         |

|   |                            |
|---|----------------------------|
| English 202 or 302                        | 3                          |
| History 202                               | 3                          |
| Laboratory Science*                       | 4                          |
| Modern Language 202                       | 3                          |
| Physical Education or<br>Military Science | 1                          |
| Approved Elective or<br>Major             | 2                          |
|   | <hr style="width: 100%;"/> |
|   | 16                         |

**Junior:**

|                                       |    |                                       |    |
|---------------------------------------|----|---------------------------------------|----|
| Major, Minor or<br>Approved Electives | 16 | Major, Minor or<br>Approved Electives | 16 |
|---------------------------------------|----|---------------------------------------|----|

**Senior:**

|                                       |    |                                       |    |
|---------------------------------------|----|---------------------------------------|----|
| Major, Minor or<br>Approved Electives | 16 | Major, Minor or<br>Approved Electives | 16 |
|---------------------------------------|----|---------------------------------------|----|

\*Algebra 101 and Trigonometry 102 (6 hours) may be used for one year of a laboratory science. If mathematics is chosen, general science may not be taken for the other year of science. If chemistry or physics is chosen for one of the sciences, general science may not be used for the other year.

**PRE-AGRICULTURE\***

| First Semester                |           | Second Semester               |           |
|-------------------------------|-----------|-------------------------------|-----------|
| <b>Freshman:</b>              |           |                               |           |
| English 101                   | 3         | English 102                   | 3         |
| Mathematics 101               | 3         | English 241                   | 2         |
| General Zoology 241**         | 3         | Mathematics 102               | 3         |
| History 201                   | 3         | General Zoology 242**         | 3         |
| Physical Education or<br>ROTC | 1         | Physical Education or<br>ROTC | 1         |
| Approved Electives            | 3         | Approved Electives            | 4         |
| <b>TOTAL</b>                  | <b>16</b> | <b>TOTAL</b>                  | <b>16</b> |
| <b>Sophomore:</b>             |           |                               |           |
| Chemistry 201                 | 4         | Chemistry 202                 | 4         |
| Botany 251**                  | 3         | Botany 252**                  | 3         |
| Physics 211                   | 5         | Physics 212                   | 5         |
| Physical Education or<br>ROTC | 1         | Physical Education or<br>ROTC | 1         |
| Approved Electives            | 3         | Approved Electives            | 3         |
| <b>TOTAL</b>                  | <b>16</b> | <b>TOTAL</b>                  | <b>16</b> |

\*Consult catalogue of school that student plans to attend.

\*\*Some schools accept Biology 101, 102 in lieu of zoology and botany.

**BASIC ENGINEERING**

Students entering basic engineering will consult their engineering advisor and the program outlined under basic engineering in the Science Division.

**PRE-MEDICAL AND PRE-DENTAL CURRICULA\***

In general, the requirements for both of these programs are the same. In some cases, medical and dental colleges admit students with less than a bachelor's degree. Students expecting to enter one of these colleges should secure a copy of the requirements from the college of their choice and select courses which meet these requirements. The suggested curriculum with a major in chemistry and a minor in biology more than meets the minimum requirements of medical and dental colleges. It is recommended that psychology be included in the electives.



**PRE-PHARMACY\***

Students who complete the first year of the Chemistry-Biology curriculum plus Chemistry 242 at Jacksonville may transfer to any accredited college of pharmacy and finish the course in six semesters or nine quarters. Beginning with and after April 1, 1956, the full pharmacy course, according to a decision of the American Council of Pharmaceutical Education, is extended to five years of which two years may be completed in any accredited college.

Thus freshmen in pharmacy will enroll in the Chemistry-Biology Curriculum. Those who expect to finish their two-year requirements at Jacksonville should enroll in the summer session after finishing their freshman year and take Chemistry 242 and the required economics and accounting courses. Then in the first and second semesters of the sophomore year they should take:

|                            |    |
|----------------------------|----|
| Chemistry 301-302          | 8  |
| Chemistry 401-402          | 10 |
| Physics 201-202            | 8  |
| ROTC or Physical Education | 2  |
| Electives                  | 4  |
|                            | 32 |

For those who cannot enroll in the summer, the Chairman of the Division of Mathematics and Science will work out an abbreviated program which will meet most of the two-year requirements.

**B. S. DEGREE — MAJOR IN CHEMISTRY AND A MINOR IN BIOLOGY**

| First Semester            |           | Second Semester           |           |
|---------------------------|-----------|---------------------------|-----------|
| <b>Freshman:</b>          |           |                           |           |
| Education 101             | HRS.<br>1 | English 102               | HRS.<br>3 |
| English 101               | 3         | English 241               | 2         |
| Chemistry 201             | 4         | Chemistry 202             | 4         |
| Biology 101               | 4         | Biology 102               | 4         |
| Math 101                  | 3         | Math 102                  | 3         |
| ROTC of Phys. Ed.         | 1         | ROTC or Phys. Ed.         | 1         |
| <b>TOTAL</b>              | <b>16</b> | <b>TOTAL</b>              | <b>17</b> |
| <b>Sophomore:</b>         |           |                           |           |
| Chemistry 242             | 3         | Chemistry 301             | 4         |
| Physics 201               | 4         | Physics 202               | 4         |
| History 201               | 3         | History 202               | 3         |
| English 201 or 301        | 3         | English 202 or 302        | 3         |
| ROTC or P.E. and elective | 3         | ROTC or P.E. and elective | 2         |
| <b>TOTAL</b>              | <b>16</b> | <b>TOTAL</b>              | <b>16</b> |
| <b>Junior:</b>            |           |                           |           |
| Chemistry 302             | 4         | Chemistry 402             | 5         |
| Chemistry 401             | 5         | Biology 432               | 4         |
| French or German          | 3         | French or German          | 3         |
| Social Science            | 3         | Social Science            | 3         |
| Elective                  | 1         | Elective                  | 1         |
| <b>TOTAL</b>              | <b>16</b> | <b>TOTAL</b>              | <b>16</b> |

**Senior:**

|                  | HRS.  |                   | HRS.  |
|------------------|-------|-------------------|-------|
| Chemistry 482    | 4     | Biology Electives | 4     |
| Biology 433      | 4     | Electives         | 8     |
| French or German | 3     | French or German  | 3     |
| Electives        | 4     |                   |       |
|                  | <hr/> |                   | <hr/> |
| TOTAL            | 16    | TOTAL             | 15    |

**MEDICAL TECHNOLOGY\***

The College, in cooperation with Dr. J. D. Bush of the Holy Name of Jesus Hospital, Gadsden, and certain other approved hospitals, now grants a B. S. degree in medical technology.

Students entering this program will complete three years of prescribed work at Jacksonville, in which time they will earn at least 100 semester hours of credit and fulfill all requirements for a B.S. degree with a major in chemistry and a minor in biology, except requirements in Biology 421, 422 and Chemistry 421, 422. The fourth year's work will be done in the approved hospital laboratory. After a student passes the examination given by the National Medical Technology Board, he will be given 16 hours of credit in Biology 421, 422 and 12 semester hours credit in Chemistry 421, 422 and awarded the B.S. degree in medical technology. Foreign languages are not required for this degree.

\*Students seeking admission to this program should consult the chairman of the Department of Science and Mathematics.

**B. S. DEGREE IN MEDICAL TECHNOLOGY****Freshman:**

| First Semester             |       | Second Semester            |       |
|----------------------------|-------|----------------------------|-------|
| English 101                | 3     | English 102                | 3     |
| General Biology 101        | 4     | English 241                | 2     |
| Social Science*            | 3     | General Biology 102        | 4     |
| ROTC or Physical Education | 1     | Social Science*            | 3     |
| Education 101              | 1     | ROTC or Physical Education | 1     |
| Chemistry 201              | 4     | Chemistry 202              | 4     |
|                            | <hr/> |                            | <hr/> |
| TOTAL                      | 16    | TOTAL                      | 17    |

**Sophomore:**

|                                |       |                            |       |
|--------------------------------|-------|----------------------------|-------|
| American Literature 201        | 3     | American Literature 202    | 3     |
| Biology 321                    | 4     | Biology Elective           | 4     |
| Chemistry 301                  | 4     | Chemistry 302              | 4     |
| Elective                       | 1     | Mathematics 102            | 3     |
| Mathematics 101                | 3     | ROTC or Physical Education | 1     |
| R.O.T.C. or Physical Education | 1     | Electives                  | 3     |
|                                | <hr/> |                            | <hr/> |
| TOTAL                          | 16    | TOTAL                      | 18    |

**Junior:**

|                       |       |                          |       |
|-----------------------|-------|--------------------------|-------|
| Biology 472 or 323    | 4     | Organic Chemistry 402    | 5     |
| Organic Chemistry 401 | 5     | Physics 202              | 4     |
| American History 201  | 3     | American History 202     | 3     |
| Physics 201           | 4     | Qualitative Analysis 242 | 3     |
|                       | <hr/> | Electives                | 2     |
|                       | <hr/> |                          | <hr/> |
| TOTAL                 | 16    | TOTAL                    | 17    |

**Senior:**

|                       |           |
|-----------------------|-----------|
| Biology 421 and 422   | 16        |
| Chemistry 421 and 422 | 12        |
| <b>TOTAL</b>          | <b>28</b> |

\*Geography, economics, or sociology.

Senior work to be done in approved hospital, followed by examination by National Board of Medical Technology.

**PRE-LEGAL COURSES**

**Adviser—Chairman of Division of Social Science**

The majority of accredited schools of law offer three plans of study for the post-war period: (a) the two-four plan; (b) the three-three plan and (c) the four-three plan.

The last plan (c) is recommended most strongly by law-school faculties and by leaders in the profession. It consists in securing a Bachelor of Arts degree with the broad emphasis on the field of social sciences. This will admit the student to any member school of the Association of American Law Schools. The prospective law student should consult the faculty adviser in order to plan the best sequence of courses. His course should include: English (2 years); European, American and English history; political science; Introductory Economics and Accounting.

Plan (b), the "combined course," comprises a three-year pre-law curriculum in which the requirements for a major may be taken and the three-year course in a standard law school leading to the LL.B. degree. The B.A. degree with a major in the social sciences\*and a minor in accounting may be conferred by this college after the end of the first year of law school if and when local requirements have been satisfied.

**A.B. DEGREE\***

| First Semester             |       | Second Semester            |       |
|----------------------------|-------|----------------------------|-------|
| <b>Freshman:</b>           |       |                            |       |
| English 101                | 3     | English 102                | 3     |
| Algebra 101                | 3     | English 241                | 2     |
| History 101                | 3     | Math of Finance 221        | 3     |
| Political Science 201      | 3     | History 102                | 3     |
| ROTC or Physical Education | 1     | Political Science 202      | 3     |
| Education 101              | 1     | ROTC or Physical Education | 1     |
| Approved Electives         | 3     | Approved Electives         | 2     |
|                            | <hr/> |                            | <hr/> |
|                            | 17    |                            | 17    |

**Sophomore:**

|                               |       |                               |       |
|-------------------------------|-------|-------------------------------|-------|
| English 201 or 301            | 3     | English 202 or 302            | 3     |
| History 201                   | 3     | History 202                   | 3     |
| Biology or Physical Science** | 4     | Biology or Physical Science** | 4     |
| Accounting 391                | 3     | Accounting 392                | 3     |
| Modern Language               | 3     | Modern Language               | 3     |
|                               | <hr/> |                               | <hr/> |
|                               | 16    |                               | 16    |

**Junior Year:**

|  |       |
|--|-------|
| Accounting—300 and 400<br>Courses        | 12    |
| Social Science—300 and 400<br>Courses*** | 12    |
| Modern Language                          | 6     |
| Approved Electives                       | 2     |
|  | <hr/> |
|  | 32    |

**Senior:**

Satisfactory completion of 30 hours in an approved law school.

\*A major in social science is offered only in the A. B. pre-law degree.

\*\*General Science is not allowed in this program.

\*\*\*In at least three areas.

**B. S. DEGREE****MAJOR CHEMISTRY—MINOR PHYSICS**

| First Semester          |       | Second Semester       |       |
|-------------------------|-------|-----------------------|-------|
| <b>Freshman:</b>        |       |                       |       |
| English 101             | 3     | English 102           | 3     |
| Chemistry 201           | 4     | English 241           | 2     |
| Mathematics 101         | 3     | Chemistry 202         | 4     |
| Social Science          | 3     | Mathematics 102       | 3     |
| ROTC or P.E.            | 1     | Social Science        | 3     |
| Education 101           | 1     | ROTC or P.E.          | 1     |
|                         | <hr/> |                       | <hr/> |
| TOTAL                   | 15    | TOTAL                 | 16    |
| <b>Sophomore:</b>       |       |                       |       |
| Chemistry 242           | 3     | Chemistry 301         | 4     |
| Physics 201             | 4     | Physics 202           | 4     |
| Mathematics 201         | 3     | Mathematics 202       | 3     |
| English 201 or 301      | 3     | English 202 or 302    | 3     |
| ROTC or P.E. & Elective | 1     | ROTC or P.E.          | 1     |
| Approved Electives      | 3     |                       |       |
|                         | <hr/> |                       | <hr/> |
| TOTAL                   | 17    | TOTAL                 | 15    |
| <b>Junior:</b>          |       |                       |       |
| Chemistry 401           | 5     | Chemistry 402         | 5     |
| Mathematics 301         | 5     | Chemistry 302         | 4     |
| Physics 301             | 3     | Physics Elective      | 3     |
| *American History 201   | 3     | *American History 202 | 3     |
|                         | <hr/> |                       | <hr/> |
| TOTAL                   | 16    | TOTAL                 | 15    |
| <b>Senior:</b>          |       |                       |       |
| Physics Elective        | 3     | Physics Elective      | 3     |
| Electives**             | 14    | Electives**           |       |
|                         | <hr/> |                       | <hr/> |
| TOTAL                   | 17    | TOTAL                 | 17    |

\*Students taking advanced ROTC may take American History in senior year.

\*\*Students in this curriculum are urged to take a foreign language as elective. This may be done by taking chemistry 401 and 402 in the Senior year.

**Recapitulation:**

|                            |            |
|----------------------------|------------|
| Education                  | 1          |
| English                    | 14         |
| Social Science             | 12         |
| Physical Education or ROTC | 4          |
| Chemistry                  | 29         |
| Physics                    | 20         |
| Mathematics                | 17         |
| Approved Electives         | 31         |
| <b>TOTAL</b>               | <b>128</b> |

**DIVISION OF EDUCATION**

**Professors:**

Loy W. Allison, Chairman of the Division, Reuben Self, Ernest Stone, Donald J. Salls.

**Associate Professors:**

Lucille Branscomb, Palmer Calvert, C. C. Dillon, Katherine G. Stone, Clay Brittain, Greene Y. Taylor.

**Assistant Professors:**

Sallie Ford Arnold, Ferrell Bolton, Martha Boyd, Thomas K. Bullock, Lucille Williams Crow, Martha Keith Dillon, Inez A. Edge, Una Hamric, Mary Moss Goggans, Hazel Dishman Hicks, Beatrice Jones, Marietta McCorkle, Thomas Eli Malone, Jane D. Self, Mary Etta Thomas Stephenson, Floyd P. Tredaway, Martha S. Tredaway, Roy Gibson, Jessie W. Newell, Johnnie Harper, Florence Bates, Nellie Shaw, Thomas Roberson, George Crawford, Carl Walker, Virginia Klaus

**Instructors:**

Opal R. Lovett, Walter R. Wedgeworth

**DEPARTMENT OF BUSINESS EDUCATION**

Miss Branscomb, Mrs. Hicks, Mr. Tredaway  
Mr. Crawford, Mr. Walker

This department offers the B. S. degree in business education to those who are planning to teach business subjects in high school; in secretarial science to prospective secretaries and other office workers; and in business administration to students who wish to prepare for entrance into the management, sales, or accounting field. Others may take business subjects as elective courses.

Business majors may choose from the following curricula:

1. B. S. degree in business education for teachers, with a major in secretarial science and a minor in English, or economics, or mathematics.

2. B. S. degree, non-teaching, with a major in secretarial science and an approved academic minor.

3. B. S. degree, non-teaching, with a major in business administration and a minor in economics; a major in accounting is also provided.

4. Minors are also offered in accounting, business administration, and secretarial science.

**B. S. DEGREE IN BUSINESS EDUCATION  
(TEACHING DEGREE)**

**Major in Secretarial Science—Minor in English**

(If a student desires to minor in economics or mathematics, he should consult the adviser.)

| <b>First Semester</b>        |           | <b>Second Semester</b>        |           |
|------------------------------|-----------|-------------------------------|-----------|
| <b>Freshman:</b>             |           |                               |           |
| English 101                  | 3         | English 102                   | 3         |
| General Science 221          | 3         | English 241                   | 2         |
| Economic Geography 241       | 3         | General Science 222           | 3         |
| Education 101                | 1         | Sociology 221                 | 3         |
| American History 201         | 3         | American History 202          | 3         |
| Physical Education or ROTC   | 1         | Physical Education or ROTC    | 1         |
| Approved Elective            | 2         | Typing 284*                   | 2         |
| <b>TOTAL</b>                 | <b>16</b> | <b>TOTAL</b>                  | <b>17</b> |
| <b>Sophomore:</b>            |           |                               |           |
| English 201 or 202           | 3         | English 302                   | 3         |
| Psychology 201               | 3         | Psychology 331                | 3         |
| Algebra 101                  | 3         | Math 221                      | 3         |
| Typing 384                   | 2         | Typing 385                    | 2         |
| Shorthand 281*               | 2         | Shorthand 381                 | 2         |
| Physical Education or ROTC   | 1         | Physical Education or ROTC    | 1         |
| Introduction to Business 241 | 3         | Approved Elective             | 1         |
| <b>TOTAL</b>                 | <b>17</b> | <b>TOTAL</b>                  | <b>15</b> |
| <b>Junior:</b>               |           |                               |           |
| Advanced Grammar 321         | 2         | Business Correspondence 482** | 3         |
| Advanced Shorthand 382       | 2         | Psychology 431                | 3         |
| Education 381                | 3         | Economics 121***              | 3         |
| Psychology 332               | 3         | Accounting 391                | 3         |
| Biology 101                  | 4         | Biology 102                   | 4         |
| Education 302-S              | 2         |                               |           |
| <b>TOTAL</b>                 | <b>16</b> | <b>TOTAL</b>                  | <b>16</b> |
| <b>Senior:</b>               |           |                               |           |
| Education 382                | 3         | Education 482                 | 3         |
| Education 481                | 6         | Elective (general)            | 2         |
| Education 431                | 3         | Filing 372                    | 2         |
| Accounting 392               | 3         | Business Law 483              | 3         |
|                              |           | Business elective             | 4         |
|                              |           | English elective 300 or above | 2         |
| <b>TOTAL</b>                 | <b>15</b> | <b>TOTAL</b>                  | <b>16</b> |

\*Not required if a student can demonstrate satisfactory ability, based on placement test. Business electives must be taken in lieu of these subjects.

\*\*Two hours of business correspondence are included in the English minor.

\*\*\*Economics 121 included in the 34 hours required in business education.

**Recapitulation:**

|  |            |
|--|------------|
| Business Education                                       | 34         |
| English  | 20         |
| Social Sciences (History 6,<br>Geography 3, Sociology 3) | 12         |
| Math and Science   | 20         |
| Education and Psychology                                 | 33         |
| Physical Education or ROTC                               | 4          |
| Electives  | 5          |
| <b>TOTAL</b>   | <b>128</b> |

**SECRETARIAL SCIENCE (NON-TEACHING)**

**First Semester**

**Freshman:**

|   |              |
|---|--------------|
| English 101                                 | 3            |
| American History 201                        | 3            |
| General Science 221<br>(or another science) | 3-4          |
| Education 101                               | 1            |
| Physical Education or ROTC                  | 1            |
| Typing 284*                                 | 2            |
| Electives                                   | 2            |
| <b>TOTAL</b>                                | <b>15-16</b> |

**Second Semester**

|   |              |
|---|--------------|
| English 102                             | 3            |
| English 241                             | 2            |
| American History 202                    | 3            |
| General Science<br>(or another science) | 3-4          |
| Physical Education or ROTC              | 1            |
| Economic Geography 241                  | 3            |
| <b>TOTAL</b>                            | <b>15-16</b> |

**Sophomore:**

|                            |           |
|----------------------------|-----------|
| English 201                | 3         |
| American Government 201    | 3         |
| Typing 384                 | 2         |
| Elementary Shorthand 281*  | 2         |
| Physical Education or ROTC | 1         |
| Algebra 101**              | 3         |
| Electives                  | 2         |
| <b>TOTAL</b>               | <b>16</b> |

|                              |           |
|------------------------------|-----------|
| English 302                  | 3         |
| Introduction to Business 241 | 3         |
| Math 221**                   | 3         |
| Shorthand 381                | 2         |
| Physical Education or ROTC   | 1         |
| Sociology 221                | 3         |
| Typing 385                   | 2         |
| <b>TOTAL</b>                 | <b>17</b> |

**Junior:**

|                                    |           |
|------------------------------------|-----------|
| Economics 121                      | 3         |
| Accounting 391                     | 3         |
| Shorthand 382                      | 2         |
| Psychology 201                     | 3         |
| Approved Minor or<br>Electives**** | 5         |
| <b>TOTAL</b>                       | <b>16</b> |

|                                    |           |
|------------------------------------|-----------|
| Economics 122                      | 3         |
| Accounting 392                     | 3         |
| Business Correspondence<br>482***  | 3         |
| Filing 372                         | 2         |
| Approved Minor or<br>Electives**** | 6         |
| <b>TOTAL</b>                       | <b>17</b> |

**Senior:**

|  |              |
|--|--------------|
| Advanced Grammar 321                       | 2            |
| Approved Minor or<br>General Electives**** | 20-22        |
| Approved Business<br>Electives****         | 8            |
| <b>TOTAL</b>                               | <b>30-32</b> |

\*Not required if student can demonstrate satisfactory ability, based on placement test. Business electives must be taken in lieu of these subjects.

\*\*Only business students in non-teaching degrees use Math 101 and 221 for a second year of science.

\*\*\*This course may be used as part of an English minor if desired.

\*\*\*\*Of the electives, at least 28 hours must be in courses numbered 300, or above.

**Recapitulation:**

|  |            |
|--|------------|
| Secretarial Science  | 34         |
| Social Sciences  | 21         |
| (including History, 6 hours;<br>Sociology, 3 hours; Geo-<br>graphy, 3 hours; Govern-<br>ment, 3 hours; Economics,<br>6 hours.) |            |
| English  | 16         |
| Math & Science   | 12-14      |
| Psychology and Education   | 4          |
| Approved Minor or<br>General Elective  | 35-37      |
| Physical Education or ROTC   | 4          |
| <b>TOTAL</b>   | <b>128</b> |

**B. S. DEGREE IN BUSINESS ADMINISTRATION  
AND ECONOMICS**

| First Semester               |           | Second Semester            |           |
|------------------------------|-----------|----------------------------|-----------|
| Freshman:                    |           |                            |           |
|                              | Hrs.      |                            | Hrs.      |
| English 101                  | 3         | English 102                | 3         |
| American History 201         | 3         | English 241                | 2         |
| Typing 284*                  | 2         | American History 202       | 3         |
| Algebra 101**                | 3         | Math 221**                 | 3         |
| Education 101                | 1         | Sociology 221              | 3         |
| Physical Education or ROTC   | 1         | Physical Education or ROTC | 1         |
| Introduction to Business 241 | 3         |                            |           |
| <b>TOTAL</b>                 | <b>16</b> | <b>TOTAL</b>               | <b>15</b> |



**Sophomore:**

|                            |              |                            |              |
|----------------------------|--------------|----------------------------|--------------|
| Economics 121              | 3            | English 201 or 202         | 3            |
| Economic Geography 241     | 3            | Economics 122              | 3            |
| American Government 201    | 3            | General Science 222        |              |
| General Science 221        |              | (or other science)         | 3-4          |
| (or other science)         | 3-4          | Accounting 392             | 3            |
| Elementary Accounting 391  | 3            | Physical Education or ROTC | 1            |
| Physical Education or ROTC | 1            | Electives                  | 3            |
| <b>TOTAL</b>               | <u>16-17</u> | <b>TOTAL</b>               | <u>16-17</u> |

**Junior:**

|                          |           |                             |           |
|--------------------------|-----------|-----------------------------|-----------|
| English 302              | 3         | Business Correspondence 482 | 3         |
| Psychology 201           | 3         | Approved Business and/or    |           |
| Approved Business and/or |           | Economics Electives***      | 10        |
| Economics Elective***    | 5         | General Electives           | 3         |
| General Electives        | 6         |                             |           |
| <b>TOTAL</b>             | <u>17</u> | <b>TOTAL</b>                | <u>16</u> |

**Senior:**

|                          |              |
|--------------------------|--------------|
| Business Law 483         | 3            |
| Business Statistics 492  | 3            |
| Approved Business and/or |              |
| Economics Electives***   | 11           |
| General Electives        | 13-15        |
| <b>TOTAL</b>             | <u>30-32</u> |

\*Not required if a student can demonstrate satisfactory ability, based on placement test. A business elective must be taken in lieu of this subject.

\*\*Only business students seeking non-teaching degree use Mathematics 101 and 221 for a second year of science.

\*\*\*Of these 26 hours, 14 must be in business administration and 12 in economics. At least one course above 300 must be chosen from each of the following fields: management, finance, accounting. At least 6 hours of the economics courses chosen must be numbered above 300.

**Recapitulation:**

|                            |            |
|----------------------------|------------|
| Business Administration    | 34         |
| Economics                  | 18         |
| Social Sciences            |            |
| (Including 6 in history, 3 |            |
| in geography, 3 in govern- |            |
| ment, 3 in sociology)      | 15         |
| Math and Natural Sciences  | 12-14      |
| English                    | 14         |
| Psychology and Education   | 4          |
| Physical Education or ROTC | 4          |
| General Electives          | 25-27      |
| <b>TOTAL</b>               | <u>128</u> |

**MAJOR: ACCOUNTING**

A major in accounting may be secured by taking at least 27 hours of accounting, including the following required: Accounting 391, 392, 393, 471, 472 and 477. Mathematics of Finance 221, three hours, and Principles of Economics 121, three hours, are also required.

**MINORS: BUSINESS ADMINISTRATION, ACCOUNTING,  
SECRETARIAL SCIENCE**

1. A minor in business administration may be secured by taking at least twenty-three hours of business subjects, including the following required: Introduction to Business 241, three hours; Accounting 391, 392, six hours; Business Law 483, three hours; and at least eleven hours of business and economics, including Economics 121. Math of Finance 221 is also required as a prerequisite to Accounting 391. (See\*\* previous page.)
2. A minor in accounting consists of at least eighteen hours of accounting courses including Accounting 391, 392 and 393. Mathematics of Finance 221, three hours, and Principles of Economics 121, three hours, are also required.
3. A minor in secretarial science consists of at least twenty-three hours of business subjects, including the following required: Typewriting 284, 384, four hours; Shorthand 281, 381, four hours; Accounting 391, three hours; Business Correspondence 482, three hours; Filing 372, two hours; Mathematics of Finance 221, is also required as a prerequisite to Accounting 391. (See\*\* previous page.)

**DESCRIPTION OF COURSES**

**221. Mathematics of Finance.** Three hours credit. Three class periods a week. Prerequisite: Algebra 101. Includes simple and compound interest, percentage, annuities, stocks and bonds, trade and bank discounts, depreciation, insurance, profit and loss, and a study of graph and formulae and use of tables in computation.

**Economics 121. Principles of Economics.** Prerequisite to all succeeding economics courses. Three hours credit. Three class periods a week. For description see Economics 121.

**241. Introduction to Business.** Three hours credit. Three class periods a week. A survey course in business organization.

**281. Elementary Shorthand.** Two hours credit. Four class periods and one practice period a week. Prerequisite: Typewriting 284, or equivalent. Fundamental principles of shorthand; development of skill in reading and writing from printed and written shorthand; business letter dictation and transcription.

**284. Elementary Typewriting.** Two hours credit. Four class periods and one practice period a week. The fundamentals of touch typewriting with emphasis upon proper position, rhythm, technique, accuracy, speed, and arrangement of letters and other business forms.

**371. Business Machines.** Three hours credit. Five periods a week. This course covers principles and practice in the operation of adding, calculating, bookkeeping, voicerecording, and duplicating machines.

**372. Filing.** Two hours credit. Three periods a week. A study of the

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principles of the various filing systems and intensive practice in their application.

**373. Advertising.** Three hours credit. Three class periods a week. This introductory course gives the student a general knowledge and application of the principles of advertising.

**381. Intermediate Shorthand.** Two hours credit. Three class periods and two laboratory periods a week. Prerequisite: Shorthand 281 or equivalent. Rapid dictation and transcription for the purpose of training skilled stenographers.

**382. Advanced Shorthand.** Two hours credit. Three class periods and two laboratory periods per week. Continuation of 381.

**384. Intermediate Typewriting.** Two hours credit. Five laboratory periods per week. Prerequisite: Typewriting 284, or equivalent. Emphasis on speed, business letters, tabulation, billing, stencil cutting and other secretarial typing.

**385. Advanced Typewriting.** Two hours credit. Five laboratory periods per week. Continuation of 384, with special emphasis on all forms of secretarial practice.

**391, 392. Elementary Accounting.** Three semester hours credit each semester. Five periods a week. Prerequisite: Mathematics 221. A course in bookkeeping and accounting, including theory of accounts, debit and credit, accounting cycle; classification of accounts; procedure of recording transactions; work sheet, adjusting and closing of the ledger; balance sheet and income statement; tangible and intangible assets; business reports; voucher system, partnerships, and corporations.

**393. Intermediate Accounting.** Three hours credit. Five class periods a week. Prerequisite: Accounting 391, 392. Covers the various accounting methods adapted to different types of business concerns, and introduces the student to specialized accounting.

**394. Payroll Accounting and Taxes.** Three hours credit. Five class periods a week. Prerequisite: Accounting 391, 392. A study of the methods and procedures involved in keeping of payroll records, together with a study of the payroll taxes. This includes work on the Federal Insurance Contributions Act, the Federal Unemployment Tax Act, the State Unemployment Tax, the Federal Withholding Tax, together with a study of the Federal Income Tax Returns, Forms 1040, 1040A, 1065, and 1120.

**461. Salesmanship.** Two hours credit. Two class periods a week. Prerequisite: Psychology 201. Principles that every salesman should know are covered, such as personality development, psychological fundamentals, preparation for interview, presentation, canvasses, arresting attention, desire stimulation, objection breakdown, closing, and building goodwill.

**462. Personnel Management.** Two hours credit. Two class periods a week. Prerequisite: Psychology 201. A study of the problems involved in employing personnel, training on the job, keeping personnel rec-

ords, and maintaining a well-organized and smoothly operating business from the standpoint of personnel.

**463. Purchasing.** Two hours credit, Two class periods a week. A study of the principles and application of the purchasing function. This course deals with the relationship of purchasing in management to other departments, the types of departmental organization, branch and centralized purchasing, the economic basis of purchasing, quality and quantity control, and procedures of purchasing.

**464. Insurance.** Three hours credit. Three class periods a week. A survey course in life, property, and casualty insurance, applied to business and to personal life.

**471. Cost Accounting:** Three hours credit. Five periods a week. Prerequisites: Accounting 391, 392. An introduction to cost accounting through a study of the principles of job order cost accounting.

**472. Income Tax Accounting.** Three hours credit. Five class periods a week. Prerequisite: Accounting 391, 392. A study of Federal and State income tax laws as they apply to individuals. Training in the interpretation of regulations and in preparation of various income tax returns.

**473. Advanced Accounting.** Three hours credit. Five class periods a week. Prerequisites: Accounting 391, 392 and 393. A study of specialized accounting procedures including partnership accounting, installment sales, consignments and branch accounting.

**474. Advanced Accounting.** Three hours credit. Five class periods a week. Prerequisites: Accounting 391, 392, 393 and 473. A study of accounting procedures of consolidated business units, estates, trusts, and governmental units.

**475. Advanced Cost Accounting.** Three hours credit. Five periods a week. Prerequisites: Accounting 391, 392 and 471. An intensive study of cost accounting. Emphasis is placed on process and standard cost systems.

**476. Advanced Income Tax Accounting.** Three hours credit. Five periods a week. Prerequisites: Accounting 391, 392 and 472. A study of the federal and state income tax laws as applied to partnerships, fiduciaries, estates, trusts and corporations.

**477. Auditing.** Three hours credit. Five periods a week. A study of basic auditing principles and procedures as applied to trading and manufacturing concerns and application of the procedures through an audit practice case.

**481. Office Management.** Three hours credit. Three class periods a week. A study of the principles and methods of office management; the qualifications and responsibilities of the office manager in directing the various functions of business which he controls.

**482. Business Correspondence.** Three hours credit. Three class periods a week. Prerequisite: English 101, 102; Typewriting 284. A study of the psychology, tone, form, and content of effective business letters of all types.

Designed to cover the primary business procedures and principles underlying effective correspondence, to provide liberal practice in composing letters and related business papers, to train the student to solve business problems by letter; give him an understanding of how people react to certain approaches and stimuli; develop sureness in the use of the basic tools, words, through a study of vocabulary building, correct English grammar, spelling, punctuation, and the effective expression of ideas.

**483. Business Law.** Three hours credit. Three class periods a week. A study of the laws covering contracts, agencies, employer and employee relations, negotiable instruments, suretyship, insurance, bailment, sales, partnerships, corporations, deeds of conveyance, mortgages, landlord and tenant.

**492. Business Statistics.** Three hours credit. Three class periods a week. Prerequisite: Economics 121. This course deals with methods of collecting, tabulating, charting, interpreting statistical data, frequency distributions and correlations.

**493. Marketing.** Two hours credit. Two class periods a week. Prerequisite: Economics 121 and Geography 241. A general but critical survey course of the field of marketing, designed to give a general understanding of the operating forces, institutions and channels employed, functions, and methods followed in marketing.

**494. Retail Store Management.** Three hours credit. Three class periods a week. Store layout, location, accounting, personnel, purchasing, sales-credit policies, and general systems of internal control and audit.

**496. Credit and Collections.** Three hours credit. Three class periods a week. Organization, procedures, forms, policies, and agencies essential to the proper operation of credit and collection department.

#### DEPARTMENT OF ELEMENTARY EDUCATION

Mr. Taylor, Mrs. Stone, Mr. Gibson, Miss Bates, Miss Bolton, Mrs. Crow, Mrs. Dillon, Miss Hamric, Miss McCorkle, Mrs. Shaw, Mrs. Edge

#### DESCRIPTION OF COURSES

**101. Orientation to College and Modern Customs.** One hour credit. Two class periods a week. Required of all freshmen. The purpose of this course is to give the beginning freshman an orientation with respect to opportunities in the various fields of education and other types of occupational objectives. The course deals with the problem of assisting young people to explore their aptitudes and to overcome their handicaps in reading, in study, and in personal development. A study is made of the basic principles of modern social customs in order to present a working philosophy of life and to enrich the personal and social life of the freshman.

**302-E. Principles of Education.** Two semester hours credit. Three class periods a week. This course is designed for elementary education majors. A study is made of the development, organization, characteristics

and aims of an elementary school. Special consideration is given the organization, scope and sequence of an elementary school curriculum.

**341. Teaching of Arithmetic.** Three semester hours credit. Prerequisite: Passing grades on Mathematics Competence Test or satisfactory completion of Mathematics 032. Materials and methods in the teaching of arithmetic with emphasis upon the development of arithmetical concepts, understanding and skills.

**342. Teaching of Reading and Language Arts.** Three semester hours credit. Materials and methods in the teaching of reading, spelling and writing. Emphasis is placed upon the instruction of reading in the elementary grades.

**371. Orientation to Teaching.** Three hours credit. Five periods a week. Required of all Physical Education majors. This course is designed to give the trainee a concept of the elementary school from the first grade through the sixth. Observation is provided at all grade levels and in as many activities of the school as time will permit. Methods and theories of teaching are studied and opportunity is given to learn something of the school's organization, its philosophy, and its tradition. An observation guide is used in this course.

**471, 472, 473. Directed Teaching in Elementary Schools.** Nine hours credit. Blocked: 30 periods a week for nine weeks. May be adjusted to 18 weeks with 15 periods a week for nine hours of credit or five periods a week for three hours of credit. Required of seniors in elementary education.

This course consists of supervised classroom observation and teaching as well as experiences that carry the trainee beyond the classroom. It provides a study and evaluation of effective procedures for motivating learning activities, use of instructional materials, understanding of children, and maintaining consistent relationships with children. Outside the classroom activities include: directing field trips and excursions; supervising playground activities; organizing exhibits; cooperating in social activities of pupils; and visiting homes of pupils. There will be experiences with tasks representing a fair sampling of the things a teacher needs to do in and also outside the classroom. The trainee is expected to consider himself a part of the school and community and to acquaint himself with the general organization of the school and its relation to the community.

**431. History and Philosophy of Education** (For all seniors in the education curricula). Three hours credit. Three class periods a week. This course is designed as a survey of the history of education in ancient, medieval and modern times with some emphasis on the history of educational thought.

#### DEPARTMENT OF SECONDARY EDUCATION

Mr. Self, Mr. Bullock, Mr. Gibson, Mr. Stone, Mrs. Arnold, Miss Goggans,  
Mr. Malone, Miss Jones, Mr. Lovett, Mrs. Self, Mrs. Stephenson,  
Mrs. Tredaway, Mrs. Boyd, Mrs. Newell, Mrs. Harper

**101. Orientation to College and Modern Customs.** One hour credit.

Two class periods a week. The purpose of this course is to give the beginning freshman an orientation with respect to opportunities in the various fields of education and other types of occupational objectives. The course deals with the problem of assisting young people to explore their aptitudes and to overcome their handicaps in reading, in study, and in personal development. A study is made of the basic principles of modern social customs in order to present a working philosophy of life and to enrich the personal and social life of the freshman. Required of all freshmen.

**302-S. Education in American Society: A First Course in Principles of Education.** Two semester hours credit. Three semester hours a week. A broad over-view of the history, aims, organization and procedures of education. Considers the selection of teaching as a profession; the nature of the educative process; the school in the American social order; the historical development of education in America; objectives, functions, scope and appropriate curriculum of the several levels of education; organization, articulation, administrative control, and financing of public schools; the rise of a native pedagogy; psychological and scientific movements in education; and recent educational theory.

**381. Orientation to Teaching.** Three semester hours credit. Three class periods a week. This first course provides the opportunity for guided experience in observing and in participating in the routine and instructional activities of the school. The trainee uses a guide book to aid in locating the most important activities and most frequently recurring problems. Considerable attention is given to such routine problems as seating arrangement, pupil movement, attendance records, central office contacts, and handling of disciplinary problems. Trainees are guided in such experiences as making observational records of student behavior, studies of sustained application, analysis of health factors, management of seatwork, making sociograms and administration of tests. Contacts are also made with youth in informal situations as scouting, community recreational groups, camps, and playgrounds.

In this course the trainee also studies the development of the American school system and the impact of various cultural factors on the educational program. The trainee gains insight into the basic educational principles which have emerged from our experiences in building a democracy. The needs of the individual and the demands of a dynamic society are studied in order that youth may receive suitable educational experiences to facilitate personality development and growth in citizenship.

**382. Methods of Teaching in Secondary Schools.** Three semester hours credit. Three class periods a week. A general methods course in secondary education. Deals with the learner, the learning process and learning products; the organization of courses of instruction and student work units; planning and carrying on daily learning activities and procedures; the daily lesson plan; planning and utilizing special learning materials, activities and procedures; selection and use of instructional materials, including audio-visual aids; creating the desire to learn; directing study; recognizing and providing for individual differences; guidance; directing student activities, discipline, and evaluating outcomes. Observations of a variety of

teaching techniques will be scheduled through the semester. Open to Juniors. Offered both semesters.

481. **Practice in Teaching: Secondary School.** Six semester hours credit. Open to seniors only. The student engages in classroom teaching, under supervision, in the campus laboratory school. A total of 180 hours will be spent in observations and actual teaching during which the student teacher becomes acquainted with the full range of a teacher's duties. Observations and teaching may be done in either junior or senior high school or both. A one-hour conference each week with the director of student teaching is to be scheduled at registration time. In addition, conferences with the supervising teacher are to be scheduled for times convenient to the teacher and the student. Offered both semesters.

482. **The Teacher and School Organizations and Management.** Three semester hours credit. Three class periods a week. Open to seniors. A course designed to acquaint teachers with the aspects of school organization and administration that are of particular concern to them. Organization and control of public education, professional problems of teachers, administration of pupil personnel, and certain instructional and related activities of teachers will be considered. Offered both semesters.

481. **Audio-Visual Education.** Three hours credit. Three class meetings and one laboratory period each week. This course involves the application of education principles in which teaching aids are employed. Both classroom techniques and the broader utilization of the school and community as a laboratory receive emphasis. Some of the specific emphases are: (1) the construction of teaching aids; (2) the location and procurement of free or rented material; (3) the purchasing of equipment and materials; (4) the mechanical operation and repair of projection apparatus; (5) the use of recording devices in the classroom; (6) the use of radio and television in education; (7) the employment of dramatics, sociodrama and role playing in the classroom; and (8) the use of charts, maps and graphs.

## DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

Mrs. Calvert, Mr. Dillon, Mr. Roberson, Mr. Salls,  
Mr. Wedgeworth

Requirements for a major in physical education: A minimum of thirty hours which must include Physical Education 212, 221, 331, 342, 352, 361, 382, 442, 451, 462, (391, 392, Men) (371, 372 Women) and eight hours in activity courses. At least three hours of the junior year education courses must be in Education 371. At least three hours of teaching in Education 481 must be of physical education.

Requirements for a minor in physical education: A minimum of twenty hours which must include Physical Education 212, 331, 342, 352, 382, 451, (391, 392, Men) (371, 372, Women), and six hours in activity courses.

111. **Soccer for Men and Women.** One hour credit. Two class periods a week.



121. **Elementary Football.** One hour credit. Two class periods a week.

122. **Elementary Baseball.** One hour credit. Two class periods a week.

131. **Croquet for Men and Women.** One hour credit. Two class periods a week.

132. **Individual Physical Activities.** One hour credit. Two class periods a week. A special class in individual gymnastics for those who are limited physically; also for those who wish to build up strength and vitality before taking the more strenuous exercises; or for those with poor posture, fallen arches, weak abdominal muscles, overweight, or weak hearts.

A doctor's certificate, as well as a conference with a member of the department of physical education, is necessary before a student will be accepted for this course.

141. **Elementary Tennis for Men and Women.** One hour credit. Two class periods a week. This course deals with the basic fundamentals of the game—singles and doubles play. The game will be taught through demonstration and active participation.

142. **Advanced Tennis for Men and Women.** One hour credit. Two class periods a week. A continuation of Physical Education 141.

147. **Trampoline.** One hour credit. Two class periods a week. Instruction for students who have had basic experience in stunts and tumbling and diving. Basic orientation of body movement in space will be taught.

151. **Volleyball for Men and Women.** One hour credit. Two class periods a week. Instruction will be given in the fundamentals of the game.

152. **Basketball for Men and Women.** One hour credit. Two class periods a week. Instruction will be given in the fundamentals of the game.

161. **Archery for Men and Women.** One hour credit. Two class periods a week. Fundamental techniques of the sport will be given and care and upkeep of equipment will be emphasized.

162. **Track and Field Activities for Men.** One hour credit. Two class periods a week. This course will include track and field events and will place some emphasis on the coaching of these events.

171. **Stunts and Tumbling for Men and Women.** One hour credit. Two class periods a week. This is an introductory course to tumbling techniques. Emphasis will be placed on the application of the break-fall technique and the orientation of the body in space. Self-testing stunts with the individual and couples participating will be given. Separate classes will be given for men and women.

172. **Badminton for Men and Women.** One hour credit. Two class periods a week. Instruction will be given in the forehand and backhand drives, the serve, the smash, and the recovering from the smash. Team tactics and plays for the singles and doubles games will be emphasized.

Mass badminton will be taught for the benefit of those working with large groups.

**181. Softball for Men and Women.** One hour credit. Two class periods a week.

**212. Personal Hygiene.** Two hours credit. Two class periods a week. Required of majors and minors. The purposes of this course are to develop habits, attitudes and knowledge concerning health and to provide professional preparation of teachers for teaching health.

**221. Community Recreation.** Two hours credit. Two class periods a week. Required of majors. The course trains the student in the most efficient methods of planning, organizing and conducting community recreation activities, such as a community playground, a recreation house, group outings, community field days and private recreational groups.

**241. Elementary Swimming for Men and Women.** One hour credit. Two class periods a week. Instruction for beginners in developing some security and form in the water through emphasis on the fundamental strokes. Separate classes will be given for men and women.

**242. Intermediate Swimming for Men and Women.** One hour credit. Two class periods a week. Prerequisite 241. This course provides further instruction in strokes, form and breathing. Simple diving will be taught and water games will be included.

**251. Elementary Folk Dancing for Men and Women.** One hour credit. Two class periods a week. A wide variety of dances from various countries will be included in the course. Dances involving simple steps will be taught with the primary emphasis being placed on the country and square dances of the South.

**252. Intermediate Folk Dancing for Men and Women.** One hour credit. Two class periods a week. Prerequisite 251.

**261. Elementary Ballroom Dancing.** One hour credit. Two class periods a week. This course proposes to teach the techniques and fundamentals involved in ballroom dancing.

**262. Intermediate Ballroom Dancing.** One hour credit. Two class periods a week. Prerequisite 261. This is a continuation of 261 which involves the more complicated steps and techniques.

**271. Recreational Games for Men and Women.** One hour credit. Two class periods a week. Techniques and skills will be taught in the following activities: deck tennis, shuffle-board, aerial darts, croquet, ping-pong, and horse shoes.

**331. Safety and First Aid.** Two hours credit. Two class periods a week. Required of majors and minors. Emphasis is placed on the prevention and treatment of athletic injuries as well as general first-aid treatment. The purposes of the course are to prepare the individual to prevent, or meet, the emergencies in the schoolroom and on the playground.

**342. School and Community Hygiene.** Two hours credit. Two class periods a week. Required of majors and minors. A general survey of school and community health problems, including consideration of the causes, and methods of prevention and control are provided.

**352. History and Principles of Health and Physical Education.** Two hours credit. Two class periods a week. Required of majors and minors. The course deals with the historical and philosophical phases of physical education as well as the organic, interpretative, neuro-muscular, and emotional development.

**361. Health and Physical Education for the Elementary Teacher.** Two hours credit. Two class periods a week. Required of elementary education and physical education majors. This course deals with the types of physical education activities suitable for the first six grades with demonstrations and participation in the same, plus the methods and principles of teaching physical education in the first six grades. Some time will be devoted to a study of school health problems.

**371, 372. Methods and Principles of, and Materials for, the Teaching of Individual and Team Sports for Women.** Required of women physical education majors and minors. The purpose of this course is to acquaint the student with the teaching and coaching program of team sports, including organization, achievement tests, progressive lead-up games, and relays, and teaching techniques.

371. Volleyball and Soccer. One hour credit. Two class periods a week.

372. Basketball and Softball. One hour credit. Two class periods a week.

**382. Health and Physical Education for the Secondary Teacher.** Two hours credit. Two class periods per week required of majors and minors. This course deals with types of physical education activities suitable for secondary grades with demonstrations and participation in the same, plus the methods of teaching in physical education in the secondary grades. Some time will be devoted to the study of school health problems.

**391, 392. Methods and Principles of Athletic Coaching (Men).** Required of men majors and minors.

391. Football and Basketball. One hour credit. Two class periods a week.

392. Spring Sports: Softball, Track, Field. One hour credit. Two class periods a week.

**441. Camp Leadership.** Two hours credit. Two class periods a week. Elective for majors and minors.

**442. Health Instruction in Schools.** Two hours credit. Two class periods a week. Required of majors. A study of the aims, methods and materials for teaching health in the elementary and secondary schools.

**451. Tests and Measurements in Health and Physical Education.** Two hours credit. Two class periods a week. Required of majors and minors. Analysis, interpretation, and tests in health and physical education.

**462. Organization and Administration of Health and Physical Education.** Two hours credit. Two class periods a week. Required of majors. The organization and administration of facilities and supplies, and the school program of health and physical education. Management of athletic, intramural, and recreational programs is taken up. Practice will be given in outlining and setting up administrative plans for practical situations.

### B. S. DEGREE IN EDUCATION

#### MAJOR IN HEALTH AND PHYSICAL EDUCATION (30 hours)

| First Semester                  |           | Second Semester                 |           |
|---------------------------------|-----------|---------------------------------|-----------|
| <b>Freshman:</b>                |           |                                 |           |
|                                 | Hrs.      |                                 | Hrs.      |
| English 101                     | 3         | English 102                     | 3         |
| Biology 101                     | 4         | English 241                     | 2         |
| History 101 or<br>Geography 101 | 3         | Biology 102                     | 4         |
| Education 101 (Orientation)     | 1         | History 102 or<br>Geography 102 | 3         |
| Physical Education activity     | 1         | Physical Education activity     | 1         |
| Approved Electives              | 4         | Approved Electives              | 3         |
|                                 | <hr/>     |                                 | <hr/>     |
| <b>TOTAL</b>                    | <b>16</b> | <b>TOTAL</b>                    | <b>16</b> |
| <b>Sophomore:</b>               |           |                                 |           |
| English 201 or 301              | 3         | English 202 or 302              | 3         |
| Approved Elective               | 3         | Science 222                     | 3         |
| Science 221                     | 3         | History 202                     | 3         |
| History 201                     | 3         | Psychology 201                  | 3         |
| Physical Education 221          | 2         | Physical Education 212          | 2         |
| Physical Education activity     | 1         | Physical Education activity     | 1         |
| Physical Education 391 or 371   | 1         | Approved elective               | 1         |
|                                 | <hr/>     |                                 | <hr/>     |
| <b>TOTAL</b>                    | <b>16</b> | <b>TOTAL</b>                    | <b>16</b> |
| <b>Junior:</b>                  |           |                                 |           |
| Biology 321                     | 4         | Psychology 332                  | 3         |
| Psychology 331                  | 3         | Education 382                   | 3         |
| Education 302-S                 | 2         | Physical Education 342          | 2         |
| Education 371                   | 3         | Physical Education 382          | 2         |
| Physical Education 361          | 2         | Physical Education 352          | 2         |
| Physical Education 331          | 2         | Physical Education 392 or 372   | 1         |
|                                 | <hr/>     | Approved Electives              | 2         |
|                                 | <hr/>     | Physical Education activity     | 1         |
| <b>TOTAL</b>                    | <b>16</b> | <b>TOTAL</b>                    | <b>16</b> |

|                             |       |                             |       |
|-----------------------------|-------|-----------------------------|-------|
| <b>Senior:</b>              |       |                             |       |
| Education 431               | 3     | Psychology 431              | 3     |
| Education 481*              | 6     | Physical Education 462      | 2     |
| Physical Education 451      | 2     | Education 482               | 3     |
| Physical Education Activity | 1     | Physical Education 442      | 2     |
| Minor                       | 3     | Physical Education activity | 1     |
| Approved elective           | 1     | Minor                       | 5     |
|                             | <hr/> |                             | <hr/> |
| Total                       | 16    | Total                       | 16    |

\*Three hours student teaching in area of minor.

|                          |       |                |  |
|--------------------------|-------|----------------|--|
| <b>Summary:</b>          |       |                |  |
| English                  | 14    |                |  |
| Science                  | 18    |                |  |
| Social Sciences          | 12    | (In two areas) |  |
| Minor                    |       |                |  |
| (Jr. & Sr. Years)        | 8     |                |  |
| Physical Education       | 30    |                |  |
| Psychology and Education | 33    |                |  |
| Approved electives       | 13    |                |  |
|                          | <hr/> |                |  |
| TOTAL HOURS              | 128   |                |  |

**DEPARTMENT OF PSYCHOLOGY AND PHILOSOPHY**

Mr. Allison, Mr. Brittain, Mrs. Klaus

**1. Requirements in Elementary and Secondary Education**

The following courses are required of all students in elementary and secondary education. They are to be taken in the following sequence: Psychology 201, 331, 332, and 431.

**201. Introduction to Psychology.** Three hours credit. Three class periods a week. Required of sophomores who are candidates for the B.S. degree in education. The purposes of this course are to acquaint the student with the subject matter of psychology and its development as a science; to interpret to the student the fundamental laws of psychology and the terminology used in psychology; and to develop in the student the ability to criticize his own methods of study and general personal development.

**331, 332. Development of Children and Youth in the Community and Region.** Three hours credit and three class periods a week each. Required of juniors who are candidates for the B.S. degree in education. An intensive study is made of the behavior of children and youth. Particular emphasis is given to the needs of children in various situations. Techniques for the study of the behavior of children and youth are developed, together with the means and methods of measuring the effect of various types of behavior. The work of the course is closely related to student teaching and will endeavor to cover the psychological problem most vital to the teacher. (Human Growth and Development, three hours; Educational Psychology, three hours.)

**241. Applied Psychology.** Three hours credit. Three class periods a week. The psychology of understanding and dealing with people.

**242. Educational and Psychological Statistics.** Three hours credit. Three class periods a week. This course is designed for students in education and psychology. Emphasis is placed upon an understanding and application of the principal statistical methods used in the handling of educational psychological data.

**243. Physiological Psychology.** Three hours credit. Three class periods a week. A study of the physiological basis of behavior.

**301. General Experimental Psychology:** Three hour credit. Three class periods a week. A study of the development and application of scientific methods and techniques used in the solution of psychological problems.

**302. Mental Hygiene.** Three hours credit. Three class periods a week. This course deals with problems of normal mental health with emphasis upon the factors which influence such development from childhood through the adult stage of development. The problem of how to train children to meet and solve their problems realistically rather than emotionally will be emphasized.

**303. Abnormal Psychology.** Three hours credit. Three class periods a week. A study of the theories, problems, and methods of dealing with abnormal behavior.

**311. Advanced Educational Psychology.** Three hours credit. Three class periods a week. The purpose of this course is to promote a thorough evaluation of the major trends in current educational theory and practice based upon sound psychological criteria.

**312. Clinical Psychology.** Three hours credit. Three class periods a week. A study of the development and applications of the principal techniques used in the diagnosis and treatment of behavior problems.

**313. Comparative Psychology.** Three hours credit. Three class periods a week. The study of the behavior of organisms from the lower through the higher forms. Emphasis is placed upon the relationship between the development of structures and the elaboration of behavior.

**401. Tests and Measurements.** Three hours credit. Three class periods a week. Elective for seniors. The purposes of this course are to give an appreciation of accurate measurements in education; to give a knowledge of the best standardized tests of intelligence and achievements and their use in the school room; to give an understanding of the elementary principles of statistical techniques; and to give skill in constructing classroom tests. This course covers the theory and practice of testing from the elementary level through higher education.

**402. Psychometrics.** Three hours credit. Three class periods a week. This course deals with the origin, development and application of psychological tests.

**403. Psychology Tests and Measurements.** Three hours credit. Three class periods a week. This course is primarily concerned with the administration, scoring and interpretation of individual and group intelligence tests.

**431. Adolescent Psychology.** Three hours credit. Three class periods a week. Required of seniors who are candidates for B.S. degree in education.

**441. Psychology of the Exceptional Child.** Three hours credit. Three class periods a week. The purpose of this course is to develop a scientific attitude, technique of approach, and methods of dealing with the problems of the children who deviate far from the average.

**442. Advanced Social Psychology.** Three hours credit. Three class periods a week. The aim of the course is a development of a thorough understanding of the individual as a social being. The emphasis is upon the factors that motivate group activity as a result of the group's interaction with the individual.

**443. Schools of Psychology.** Three hours credit. Three class periods a week. This course deals with development and interpretation of psychological data from the points of view of the various schools of psychology.

**451. History of Psychology.** Three hours credit. Three class periods a week. A chronological survey of the origin and development of psychology is accomplished in this course,

**321. Introduction to Philosophy.** Three hours credit. Three periods a week. Designed to acquaint the student with the meaning, scope, problems, and methods of philosophy. Some use is made of original materials.

**322. History of Philosophy.** Three hours credit. Three class periods a week. Prerequisite: Philosophy 321. A systematic survey is made of the development of philosophy from ancient times to the present.

**323. Modern Philosophy.** Three hours credit. Three class periods a week. Prerequisite: Philosophy 322. An examination of the outstanding systems of modern philosophy is made for the purpose of indicating their influence upon modern social, economic, and political problems.

#### DIVISION OF FINE ARTS

Professor: Walter A. Mason, Chairman of Division

Associate Professor: Mary L. Lowrey

Assistant Professors: Esther Baab, Robert L. Barron, John Cleverdon, John T. Finley, Margaret M. Green, Eleanor A. Kelley, Lee R. Manners, Hazel Mathews, Albert Singerman, Dan Sparks.

#### DEPARTMENT OF ART

Mr. Manners, Mr. Cleverdon

**121. Lettering.** Two hours credit. Two two-hour class periods a week. Fundamentals of pen and brush lettering.

**133. Elementary Design.** Two hours credit. Two two-hour class periods a week. This course deals with the understanding of the arrangement of line, shape, and color, based upon the principles of design.

202. **Art in the Home.** Two hours credit. Two two-hour class periods a week. Prerequisite: Art 133. A study of the principles of design and color harmonies as related to the home.

203. **Elementary Painting.** Three hours credit. Three two-hour class periods a week. Prerequisite: Art 133. Creative expression in various painting media.

209. **Elementary Ceramics.** Three hours credit. Three two-hour class periods a week. Practical problems in designing, glazing, and firing of ceramic objects.

210. **Advanced Design.** Two hours credit. Two two-hour class periods a week. Design and composition in various media. Prerequisite: Art 133.

233. **Elementary Drawing.** Two hours credit. Two two-hour class periods a week. Drawing in various media with emphasis upon the development of creative observation.

234. **Advanced Drawing.** Two hours credit. Two two-hour class periods a week. Prerequisite: Art 233.

301. **Modeling.** Three hours credit. Three two-hour class periods a week. Three dimensional design in clay and other media.

303-304. **Intermediate Painting.** Three hours credit each. Three two-hour class periods a week. Prerequisite: Art. 203.

305. **Water Color.** Three hours credit. Three two-hour class periods a week. Painting in opaque and transparent water color.

309-310. **Intermediate Ceramics.** Three hours credit each. Three two-hour class periods a week. Prerequisite: Art 204 or Art 301. Continuation of Art 204.

362. **Graphic Arts.** Three hours credit. Three two-hour class periods a week. Prerequisites: Art 133 and Art 233. Fundamentals of printmaking.

371. **Art History I.** Three hours credit. Three class periods a week. History of art from the Primitive through the Mannerist periods.

372. **Art History II.** Three hours credit. Three class periods a week. History of art from the Baroque through the Modern periods.

403-404. **Advanced Painting.** Three semester hours credit each. Advanced individual instruction. Prerequisite: Art 303.

409-410. **Advanced Ceramics.** Three semester hours credit each. Advanced individual instruction. Prerequisite: Art 304.

461. **Art for the Elementary Teacher.** Two hours credit. Two two-hour laboratory periods a week. Required in Elementary Education. This course is planned to give the teacher a working knowledge of art and an appreciation of the importance of art in the education of the child.

481. **Art for the Secondary Teacher.** Two hours credit. Two two-hour laboratory periods a week. A study of the principles and techniques in the teaching of art at the secondary level. For art minors.



491. **Advanced Problems.** Three semester hours credit. Prerequisite: Permission of the head of the art department. Advanced individual work.

**ART MINOR**

|            |                           |          |
|------------|---------------------------|----------|
| 133        | Elementary Design         | 2 hours  |
| 233        | Elementary Drawing        | 2 hours  |
| Any 2      | 203 Elementary Painting   | 6 hours  |
|            | 204 Elementary Ceramics   |          |
|            | 362 Graphic Arts          |          |
| 210        | Advanced Design           | 2 hours  |
| 481        | Art for Secondary Teacher | 2 hours  |
| 371 or 372 | Art History               | 3 hours  |
| 491        | Advanced Problems         | 3 hours  |
| Total      |                           | 20 hours |

**Courses required in Elementary Education**

|       |                                |         |
|-------|--------------------------------|---------|
| 133   | Elementary Design              | 2 hours |
| 233   | Elementary Drawing             | 2 hours |
| 461   | Art for the Elementary Teacher | 2 hours |
| Total |                                | 6 hours |

**DEPARTMENT OF HOME ECONOMICS**

Mrs. Green, Mrs. Lowrey, Mrs. Matthews, Miss Kelley

The home economics curriculum is planned to help young women to improve personally, to prepare for home and family, and to train professionally in the field of home economics.

A bachelor of science degree with a major in vocational home economics education is offered. This major provides training for the teaching of vocational and general home economics. Students who meet the requirements will be qualified to receive a Class B Vocational Professional Certificate. This certificate is acceptable for the teaching of home economics, both vocational and non-vocational, in the secondary schools of Alabama. Majors in vocational home economics education will be qualified to enter the field of teaching and will be prepared for positions in Home Economics Extension Service, Farmers' Home Administration, home economics in business and in special areas of social service. Majors in this field will be prepared to pursue graduate study in the various fields of home economics.

The prescribed course for the majors trains professionally for teaching and other related fields and prepares young women for the responsibilities of homemaking.

Home economics courses may be elected by non-majors.

To qualify for the Class B Vocational Certificate, a student must satisfactorily complete the vocational home economics education curriculum and complete home projects under the direction of a faculty member of the department of home economics or have had actual homemaking experience equivalent to the home projects as judged by the State Supervisor of Home Economics.

### VOCATIONAL HOME ECONOMICS EDUCATION CURRICULUM

| First Semester                         |          | Second Semester                        |          |
|--|----------|--|----------|
| <b>Freshman:</b>                       |          |  |          |
| English 101                            | 3        | English 102                            | 3        |
| Chemistry 201                          | 4        | English 241                            | 2        |
| History 101 or 201<br>or Geography 101 | 3        | Chemistry 202                          | 4        |
| Home Economics 131                     | 3        | History 102 or 202<br>or Geography 102 | 3        |
| Education 101                          | 1        | Home Economics 122                     | 3        |
| Physical Education                     | 1        | Physical Education                     | 1        |
| Art 133                                | 2        |  |          |
|  | <hr/> 17 |  | <hr/> 16 |
| <b>Sophomore:</b>                      |          |  |          |
| English 201 or 301                     | 3        | Psychology 201                         | 3        |
| Biology 101                            | 4        | Sociology 222                          | 3        |
| Art 202                                | 2        | Physics 252                            | 3        |
| Home Economics 221                     | 3        | Home Economics 232                     | 3        |
| Sociology 221                          | 3        | Home Economics 271                     | 3        |
| Physical Education                     | 1        | Physical Education                     | 1        |
|  | <hr/> 16 |  | <hr/> 16 |
| <b>Junior:</b>                         |          |  |          |
| Consumer Economics 354                 | 2        | Psychology 332                         | 3        |
| Bacteriology 323                       | 4        | Home Economics 322                     | 3        |
| Political Science 201                  | 3        | Home Economics 352                     | 4        |
| Home Economics 341                     | 3        | Home Economics<br>Education 362        | 3        |
| Home Economics 371                     | 3        | Bio-Chemistry 481                      | 4        |
| Education 302-S                        | 2        |  |          |
|  | <hr/> 17 |  | <hr/> 17 |
| <b>Senior:</b>                         |          |  |          |
| Education 481                          | 6        | Home Economics 442                     | 4        |
| Home Economics Education 461           | 3        | Home Economics 422                     | 3        |
| Home Economics 431                     | 3        | Home Economics 472                     | 3        |
| Education 431                          | 3        | Home Economics 473                     | 3        |
|  |          | Literature Elective                    | 2        |
|  | <hr/> 15 |  | <hr/> 15 |

**Recapitulation:**

|                          |       |
|--------------------------|-------|
| Home Economics           | 44    |
| Science                  | 23    |
| Social Sciences          | 17    |
| English                  | 13    |
| Psychology and Education | 24    |
| Physical Education       | 4     |
| Art                      | 4     |
|                          | <hr/> |
|                          | 129   |

A minor in home economics may be earned by completing nineteen hours in the following areas. Of these hours, six must be in courses 300 or above:

|   |       |
|---|-------|
| Clothing  | 6     |
| Foods   | 6     |
| Child Development and<br>Nursery School Participation | 4     |
| House   | 3     |
|   | <hr/> |
|   | 19    |

**122. Food Preparation.** Three hours credit. One class period and four laboratory hours a week. Introductory course in planning, preparing and serving family meals. Laboratory fee \$7.50.

**131. Clothing.** Three hours credit. One class period and four laboratory hours a week. A course planned to help the student meet her clothing problems. Emphasis is placed on grooming, clothing selection, care and construction. Laboratory fee \$3.00.

**221. Food for the Family.** Three hours credit. One class period and four laboratory hours a week. Prerequisite: Home Economics 122. The course includes the day-by-day problems of the homemaker in providing nutritious meals for the family, stressing food selection, organization of work, purchases, cost of foods and table service. Laboratory fee \$7.50.

**232. Textiles and Clothing.** Three hours credit. One class period and three laboratory periods a week. Prerequisite: Home Economics 131. A study of the composition, construction, weaves and care of materials made of natural and synthetic fibers. The study of textiles is correlated with the construction of garments of wool and rayon to develop skills in construction of clothing. Laboratory fee \$6.00

**271. Health in the Home and Community.** Three hours credit. Three laboratory periods a week. This course presents the basic facts and practical application of health care within the family group with special emphasis on what can be done through the community action for health protection. Laboratory fee \$3.00.

**322. Food and Nutrition.** Three hours credit. Two laboratory periods daily, three days a week. This course is designed to help the students gain an understanding of the relationship of food to health and to apply the principles of good nutrition to the problems of food selection for family groups as well as the individual. Laboratory fee \$7.50.

**341. Home Management and Household Equipment.** Three hours credit. Two hours daily. Three days a week. This course correlates the study of the best use of family resources of time, money and energy with the study of materials, construction, operation, installation, cost and use of household equipment. Laboratory fee \$7.50.

**352. Child Growth and Development and Nursery School Participation.** Four hours credit. Two class periods and four laboratory periods a week. A study of the development and behavior of young children from infancy through the pre-school years. Emphasis is placed on the basic needs of the young child for his normal growth and development. Laboratory fee \$3.00.

**362. Home Economics Education.** Three hours credit. Three class periods a week. The basic philosophy and objectives of home economics in general and vocational education for the high school students. A study of home-making experiences that contribute to the total growth and development of high-school students by application of the principles of psychology and education. Special emphasis is placed on meeting the needs for personal and home living and homemaking responsibilities of high school girls. It includes the selection, organization and use of teaching materials; the identification and solution of teaching problems.

**371. Home Problems.** Three hours credit. Two class periods and four hours of laboratory weekly. A study and analysis of problems growing out of home management. Laboratory fee \$7.50.

**422. Quantity Food Preparation.** Three hours credit. Two hours daily, five days a week. Practical experience in the service of food in quantity is provided in serving school lunch, banquets, teas, receptions. Emphasis is given to menu planning, meal service and efficiency. Laboratory fee \$10.00.

**431. Advanced Clothing Construction and Design.** Three hours credit. Two class periods and four laboratory periods a week. A study of the principles of tailoring which are applied in the construction of a tailored suit or coat. Opportunity is given for creative experience in wardrobe selection and design. Laboratory fee \$3.00.

**442. House Residence.** Four hours credit. Prerequisite: Home Economics 371. Students will obtain experience in the care and management of a home, in planning, buying, preparing and serving meals, and in entertaining guests. Laboratory fee \$10.00.

**461. Home Economics Education.** Three hours credit. Prerequisite: Senior standing, Home Economics 362. A study of the organization of the home economics curriculum in high schools, methods of evaluating achievement and the relation of home economics to the total high-school program. This course is closely integrated with Education 481, and deals with the problem experienced in supervised teaching.

**472. Home Planning and Furnishings.** Three hours credit. Two hours daily, three days a week. Prerequisite: Home Economics 371. Problems of location, plans, house construction, lighting and heating; selection, arrangement and care of furnishings. Laboratory fee \$3.00.

**473. Family Life and Relationships.** Three hours credit. Three class periods a week. A survey of the family as a changing institution, emphasizing the factors that play an important part in successful family life

**Education 481. Directed Observation and Teaching.** Six hours credit. Supervised teaching and observation in vocational home economics in high school. Each student will be assigned to a class and will have **guided experience with all the responsibilities of the home-economics teacher.** This course is closely integrated with Home Economics Education 461 and is concerned with the same objectives.

### DEPARTMENT OF MUSIC

Mrs. Baab, Mr. Barron, Mr. Finley, Mr. Mason, Mr. Singerman, Mr. Sparks

The Department of Music offers a bachelor of arts degree with a major in applied music or music theory and the bachelor of science degree in Music Education. The B. S. Degree in Music Education fulfills the requirements for the special professional certificate to teach music in the public schools in Alabama on both the elementary and secondary level.

**Entrance requirements:** The regular entrance requirements apply to the candidate for either the A.B. or B.S. degree, plus a special placement examination in applied music and music theory, given at the time of matriculation.

**Requirements for a major in music:** a minimum of 32 hours, which must include Music 101, 102, 201, 202 or 301; eight to sixteen semester hours in the major applied area on advice of major professor; and none to six hours in class applied areas.

**Requirements for a minor in music for students majoring in music:** a minimum of eighteen semester hours, which must include: Conducting 491, Music History and Literature 411, 412; two to six semester hours in the minor applied areas on advice of major professor and eight semester hours in music ensembles.

**Requirements for a minor in music for students not majoring in music:** a minimum of eighteen semester hours, which must include: Music 101, 171, 412, and at least two semester hours of a music ensemble, the remainder to be selected from the following distribution:

|                |     |
|----------------|-----|
| Music Theory   | 4—8 |
| Applied Music  | 4—8 |
| Music History  | 2—4 |
| Music Ensemble | 4—8 |

(or 133, 461, 491 may be substituted for any of the above on advice of minor professor)

## B. S. IN MUSIC EDUCATION

## Freshman

| First Semester             | Hrs.     | Second Semester            | Hrs.     |
|----------------------------|----------|----------------------------|----------|
| Applied Music 171          | 2        | Applied Music 172          | 2        |
| Music 101                  | 4        | Music 102                  | 4        |
| Music Ensemble             | 1        | Music Ensemble             | 1        |
| English 101                | 3        | English 102                | 3        |
| Biology 101                | 4        | Biology 102                | 4        |
| Education 101              | 1        | Elective                   | 1        |
| Physical Education or ROTC | 1        | Physical Education or ROTC | 1        |
|                            | <hr/> 16 |                            | <hr/> 16 |

## Sophomore

|                            |          |                            |          |
|----------------------------|----------|----------------------------|----------|
| Applied Music 271          | 2        | Applied Music 272          | 2        |
| Music 201                  | 4        | Music 202 or 301           | 4        |
| Music Ensemble             | 1        | Music Ensemble             | 1        |
| Social Science             | 3        | Social Science             | 3        |
| English 241                | 2        | General Science 222        | 3        |
| General Science 221        | 3        | Psychology 201             | 3        |
| Physical Education or ROTC | 1        | Physical Education or ROTC | 1        |
|                            | <hr/> 16 |                            | <hr/> 17 |

## Junior

|                     |          |                     |          |
|---------------------|----------|---------------------|----------|
| Applied Music 371   | 2        | Applied Music 372   | 2        |
| Music History 411   | 2        | Music History 412   | 2        |
| Conducting 491      | 2        | Conducting 492      |          |
| Music Ensemble      | 1        | or Music Elective   | 2        |
| Education 302-S     | 2        | Music Ensemble      | 1        |
| English 201 or 301  | 3        | Psychology 331      | 3        |
| Music Education 371 | 3        | English 202 or 302  | 3        |
|                     |          | Music Education 382 | 3        |
|                     | <hr/> 15 |                     | <hr/> 16 |

## Senior

|                           |          |                       |          |
|---------------------------|----------|-----------------------|----------|
| Applied Music 471         | 2        | Applied Music 472     | 2        |
| Applied Music 381         | 1        | Applied Music 382     | 1        |
| Ensemble                  | 1        | Ensemble              | 1        |
| Psychology 332            | 3        | Psychology 431        | 3        |
| Social Science            | 3        | Social Science        | 3        |
| Music Ed. and             |          | Music Ed. and         |          |
| and Practice Teaching 471 | 3        | Practice Teaching 481 | 3        |
| Education 431             | 3        | Education 482         | 3        |
|                           | <hr/> 16 |                       | <hr/> 16 |

## SUMMARY FOR B. S. DEGREE IN MUSIC EDUCATION

## MUSIC

## Major Area

|  |       |
|--|-------|
| Basic Music Theory 101, 102, 201, 202 or 301 (or 301, 302) | 12—24 |
| Individual Performance, Major Applied Area 171, etc        | 8—16  |
| Class Performance, Class Applied Area 281, etc             | 0—6   |
|  | <hr/> |
|  | 32    |

## Minor Area

|  |       |
|--|-------|
| Conducting (491, 492)  | 2—4   |
| Music History and Literature 411, 412  | 2—4   |
| Individual, or Class Performance<br>(Minor Applied Area 381, etc., or 472, etc.) | 2—6   |
| *Music Ensembles (Band, Orchestra, Chorus, etc.)                                 | 8     |
|  | <hr/> |
|  | 18    |

## General Education

|   |       |
|---|-------|
| English (101, 102 241 and 201, 202 or 301, 302)     | 14    |
| **Social Science                                    | 12    |
| Science: Biology 101, 102; General Science 221, 222 | 14    |
| Physical Education or ROTC                          | 4     |
| Education 101                                       | 1     |
| Elective  | 1     |
|   | <hr/> |
|   | 46    |

## Professional Education

|  |       |
|--|-------|
| Psychology 201, 331, 332, 431                  | 12    |
| Music Education 371, 382                       | 6     |
| Education 302-S, 431, 482                      | 8     |
| Music Education and Directed Teaching 471, 481 | 6     |
|  | <hr/> |
|  | 32    |

|              |                 |
|--------------|-----------------|
| <b>Total</b> | <hr/> <hr/> 128 |
|--------------|-----------------|

\*Should participate in at least two areas of ensemble each semester for one hour credit.

\*\*Must include at least one course of three semester hours in each of two fields.

## A. B. DEGREE WITH A MAJOR IN MUSIC

## Freshman

| First Semester             |       | Second Semester            |       |
|----------------------------|-------|----------------------------|-------|
|                            | Hrs.  |                            | Hrs.  |
| Applied Music 171          | 2     | Applied Music 172          | 2     |
| Music Ensemble             | 1     | Music Ensemble             | 1     |
| English 101                | 3     | Music History 411          | 2     |
| Modern Language 101        | 3     | Modern Language 102        | 3     |
| General Science 221        | 3     | General Science 222        | 3     |
| Social Science             | 3     | English 102                | 3     |
| Physical Education or ROTC | 1     | Physical Education or ROTC | 1     |
|                            | <hr/> |                            | <hr/> |
|                            | 16    |                            | 16    |

## Sophomore

|                            |       |                            |       |
|----------------------------|-------|----------------------------|-------|
| Applied Music 271          | 2     | Applied Music 272          | 2     |
| Basic Music, Theory 101    | 4     | Basic Music, Theory 102    | 4     |
| Music Ensemble             | 1     | Music Ensemble             | 1     |
| Music History 412          | 2     | English 241                | 2     |
| Modern Language 201        | 3     | Modern Language 201        | 3     |
| Social Science             | 3     | Social Science             | 3     |
| Physical Education or ROTC | 1     | Physical Education or ROTC | 1     |
|                            | <hr/> |                            | <hr/> |
|                            | 16    |                            | 16    |

## Junior

|                         |       |                         |       |
|-------------------------|-------|-------------------------|-------|
| Applied Music 371       | 2     | Applied Music 372       | 2     |
| Basic Music, Theory 201 | 4     | Basic Music, Theory 202 | 4     |
| Music Ensemble          | 1     | Music Ensemble          | 1     |
| Biology 101             | 4     | Biology 102             | 4     |
| English 201 or 301      | 3     | English 202 or 302      | 3     |
| Electives               | 2     | Electives               | 2     |
|                         | <hr/> |                         | <hr/> |
|                         | 16    |                         | 16    |

## Senior

|                   |       |                   |       |
|-------------------|-------|-------------------|-------|
| Applied Music 471 | 2     | Applied Music 472 | 2     |
| Music Ensemble    | 1     | Music Ensemble    | 1     |
| Social Science    | 3     | Electives         | 13    |
| Electives         | 10    |                   |       |
|                   | <hr/> |                   | <hr/> |
|                   | 16    |                   | 16    |

## SUMMARY FOR A. B. DEGREE WITH A MAJOR IN MUSIC

## MUSIC

|  |       |
|--|-------|
| Basic Music, Theory 101, 102, 201, 202               | 16    |
| Individual Performance, Major Applied Area 171, etc. | 16    |
| Music History and Literature 411, 412                | 4     |
| Music Ensembles (Band, Orchestra or Chorus)          | 8     |
|  | <hr/> |



**ACADEMIC**

|                              |            |
|------------------------------|------------|
| English                      | 14         |
| Social Science               | 12         |
| Science                      | 14         |
| Modern Language              | 12         |
| Orientation                  | 1          |
| Physical Education or ROTC   | 4          |
|                              | 57         |
| Academic Minor and Electives | 27         |
|                              | 128        |
| <b>Total</b>                 | <b>128</b> |

**DESCRIPTION OF COURSES**

**APPLIED MUSIC**

Courses in applied music include private and class instruction in voice, piano, organ, or band and orchestral instruments. The student may elect that area of specialization best adapted to his own individual needs. The courses in applied music are designed to cover all phases and activities of vocal and instrumental music in order that the student may receive a practical and broad musical experience.

Each student must take a placement examination for the first course attempted in any applied music area, and performance examinations are given at the end of each semester.

Students majoring in music (both the B.S. or A.B. degree) will prepare and present a creditable recital or its equivalent at the completion of study in applied music in the area of specialization.

Any course in applied music may be used as an elective in any other curricula. The major professor reserves the right to advise individual students to suit individual needs.

**Explanation of the Numbering System for Applied Music Courses:**

Two hours courses in Applied Music (Major Area) are listed as follows:

- |          |          |
|----------|----------|
| 171. ( ) | 172. ( ) |
| 271. ( ) | 272. ( ) |
| 371. ( ) | 372. ( ) |
| 471. ( ) | 472. ( ) |

The digit after the decimal point indicates the area of specialization as follows:

.1 Voice, .2 Piano, .3 Organ, .4 String, .5 Woodwinds, .6 Brass, .7 Percussion

One hour courses in Applied Music (Class Lessons or Minor Areas) are listed as follows:

- |          |          |
|----------|----------|
| 281. ( ) | 282. ( ) |
| 381. ( ) | 382. ( ) |
| 481. ( ) | 482. ( ) |

## Basic Music, Music Theory

101. **Music Theory.** Four hours credit. Five class period a week. A composite course that correlates Theory, Oral and Written Harmony, Sight-Singing, Dictation and Keyboard Harmony.

102. **Music Theory.** Four hours credit. Five class periods a week. A continuation of Music 101.

201. **Music Theory.** Four hours credit. Five class period a week. A continuation of 101 and 102 and includes further experience in chord progressions, modulation and harmonization, plus form analysis and composition in each area.

202. **Music Theory.** Four hours credit. Five class periods a week. A continuation of 201.

301. **Music Theory.** Four hours credit. Four class periods a week. A combination of counterpoint, in strict, florid and free forms and experience in writing and orchestration.

302. **Music Theory.** Four hours credit. Four class periods a week. A continuation of 301.

411. **Music History and Literature.** Two hours credit. Two class periods a week. A survey course correlating the development of musical literature with the historical development of world culture from the early beginnings of music to the Romantic Period.

412. **Music History and Literature.** Two hours credit. Two class periods a week. A continuation of Music 411 from the Romantic period to the present.

491. **Elementary Conducting.** Two hours credit. Two class periods a week. Experience in the routine and technique of choral and instrumental conducting, and the interpretation of simple scores.

492. **Advanced Conducting.** Two hours credit. Two class periods a week. A study of larger forms and the interpretation of scores.

## MUSIC EDUCATION

371. **Music Education.** Three hours credit. Three class periods a week. Methods, materials and problems of teaching vocal and instrumental music from the first grade through the sixth grade.

382. **Music Education.** Three hours credit. Three class periods a week. Methods, materials and problems of teaching vocal and instrumental music from the seventh grade through the twelfth grade.

471. **Music Education and Directed Teaching.** Three hours credit. Hours arranged in the Elementary Laboratory School, plus a conference period. Directed teaching in vocal and instrumental music on the elementary level.

481. **Music Education and Directed Teaching.** Six hours credit. Hours arranged in the Secondary Laboratory School plus a conference period. Directed teaching in vocal and instrumental music on the secondary level.

**Music Electives**

CHORUS  
 BAND } Offered Fall and Spring Only.  
 ORCHESTRA }

141, 142      **Chorus:** One hour credit. Two class periods a week.  
 241, 242      Participation in the chorus gives the student opportunity to  
 341, 342      become acquainted with standard choral literature and  
 441, 442      further experience in musical expression. This course may  
                  be used as an elective in any curriculum except in the  
                  case of the music curriculum, where it is required of music  
                  majors.

151, 152      **Band:** One hour credit. Two class periods a week. Play-  
 251, 252      ing in the band gives the student opportunity to become  
 351, 352      acquainted with standard band literature and offers experi-  
 451, 452      ence in both the concert and marching band. Band may be  
                  used as an elective in any curriculum except in the case of  
                  the music curriculum, where it is required of music majors.

121, 122      **Orchestra:** One hour credit. Two class periods a week.  
 221, 222      Playing in the orchestra gives the student opportunity to  
 321, 322      become acquainted with standard orchestral literature and  
 421, 422      offers opportunity for expression in public performances.  
                  Orchestra may be used as an elective in any curriculum ex-  
                  cept in the case of the music curriculum, where it is re-  
                  quired of music majors.

000            **Vocal Ensemble:** No credit. One class period a week.  
 000            Elective for advanced voice students only.  
 000            **String Ensemble:** No credit. One class period a week.  
 000            Elective for advanced string students only.  
                  **Woodwind Ensemble:** No credit. One class period a  
                  week. Elective for advanced woodwind students only.  
                  **Brass Ensemble:** No credit. One class period a week.  
                  Elective for advanced brass students only.

**Courses Required of Elementary Education Majors**

133. **Introduction to Music.** Two hours credit. A survey course in music literature and appreciation from the layman's viewpoint. The course is designed to give the student a broad and practical understanding of our musical heritage.

**233. Fundamentals of Music.** Two hours credit. Two class periods a week. Elements of music, sight singing, informal instruments, and class piano to help in the prospective teacher's individual preparation and for application of classroom procedures.

**461. Music for the Elementary Teacher.** Two hours credit. Two class periods a week. A survey of materials in the well-rounded elementary music program. The course includes a review of activities in singing, listening, rhythmic, instrumental and creative areas on the elementary level. Prerequisite: Music 133, 233.



**DIVISION OF LANGUAGES**

**Professors:**

William J. Calvert, Jr., Chairman of the Division  
James H. Jones, H. B. Mock

**Associate Professors:**

B. Bernard Cohen, A. B. Hatch, Maude Luttrell

**Assistant Professors:**

Arch F. Beckelheimer, Frances Callan, Lucian Cohen, Christine Forrester, Elinor Massoglia, Douglass Olsen, J. Alfred Smoake

**Instructors:**

Bertha Davis Lindsey, Julia Hensler Roebuck

**COMPOSITE MAJOR**

A composite major in language is available to the student who meets the following requirements:

24-36 hours in two foreign languages\*, with at least 12 in each of two languages.

18-30 hours of English as follows:

|                     |            |
|---------------------|------------|
| English 101, 2; 241 | 8 hours    |
| English 301, 2      | 6 hours    |
| English 441         | 3 hours    |
| English Electives   | 1-13 hours |

\*Adjustments will be made for those presenting high school units in languages.

**DEPARTMENT OF ENGLISH**

Mr. Calvert, Mr. Beckelheimer, Mrs. Callan, Mrs. Cohen, Mr. Cohen,  
Mrs. Forrester, Mrs. Lindsey, Miss Luttrell, Mrs. Massoglia,  
Mr. Mock, Miss Olsen, Mrs. Roebuck, Mr. Smoake

Requirements for a major in English: a minimum of 30 hours, which must include English 101, 102, 241; 201, 202; 301, 302; 441; a course in Shakespeare; English 321 or, at the discretion of the major professor, English 351; and Education 382-E, which is not credited toward the 30 hours in English.

Requirements for a minor in English: a minimum of 20 hours, which must include English 101, 102, 241; English 321 or, at the discretion of the major professor, English 351; all of English Literature, 301, 302 and at least one semester of American Literature, 201, 202; or all of American Literature and at least two courses in English Literature chosen from the following: 301, 302, 311, 343, 372, 401, 402, 403, 451.

To elect English as a major or minor a student must have an average grade of at least a C in English 101, 102.

Successful completion of either English 201, 202 or English 301, 302 will be a prerequisite for all advanced English courses except English 242, 243, 351.

Any departure from the above required distribution of courses for English majors or minors must meet the approval of both English-major professors.

A maximum of fifty-four semester hours may be taken in the division of languages.

All English majors and minors must do at least a portion of their student teaching in the field of English, unless permitted otherwise by the Education and English departments jointly.

**000. English Laboratory.** Required until satisfactorily completed of all persons failing to pass the English Competence Examination. Laboratory fee of \$7.50.

**001. Remedial English.** Required of all students who lack adequate preparation for freshman English as indicated by placement tests. Must be satisfactorily completed before student is eligible to take English 101. Laboratory fee of \$7.50.

**101, 102. Written and Oral English.** Three hours credit each semester. Five class periods a week. Prerequisite to all other courses in English. The course teaches functionally the ability to speak and write English correctly and effectively: (1) written English, through constant writing; and (2) oral English, through oral readings, directed class discussion, and speeches before class. Parallel with this there is a constant analytical review of the fundamentals of grammar, spelling, and punctuation, and enlargement of the vocabulary through study and exercise.

**201, 202. American Literature.** Three hours credit. Three class periods a week. The course leads toward the understanding of American literature, both in its backgrounds and in the expression of its spirit through its greatest and most representative writers, Franklin, Irving, Emerson, Thoreau, Whitman, Melville, the contemporary novelists and poets, and others. Throughout, the literature will be related to the American scene, to American history and ideas.

**241. Speech Principles and Problems.** Two hours credit. Two class periods a week. Required of all students. The purpose of this course is to teach the student the use of correct, appropriate, and effective English, anticipating as far as possible his needs after graduation. Emphasis will be placed on conversational English; on introductions and after-dinner speeches; on the presentation and discussion of a subject before a group; on the organization of formal speeches. Above all, emphasis will be placed upon correctness and proper articulation of the language used.

**242. Play Production.** Two hours credit. Two class periods a week. Elective for seniors. The purpose of this course is to prepare students to produce plays in school and community organizations. The content of the course is as follows: organization and duties of the producing staff; costuming and make-up; theory of scenery construction; use of color and stage; lighting equipment; choosing plays and casts; rehearsing. Whenever possible, practical work in public presentations will be afforded.

**243. Advanced Composition.** Two hours credit. Two class periods a week. The purpose of this course is to improve the skills and the knowledge of composition acquired in English 101, 102, to deepen the student's understanding of grammar, diction, and usage, and to introduce to him through active production the larger forms, particularly of an expository or argumentative nature.

**271. Technical English.** Two hours credit. Two class periods a week. Methods of research, organization and presentation of results of scientific investigation in acceptable form for technical research reports.

**281. 381. 481. Dramatics Laboratory.** One hour credit for each course is to be given to those students who demonstrate qualities of good theatre workers by active participation in all phases of play production: staging, lighting, directing, acting. The courses are designed primarily to give the student practical experience in the production of plays both in college and in high school. Credit is assigned at the discretion of the faculty adviser.

**301. 302. Survey of English Literature.** Continuous throughout the year. Three hours credit each semester. Three class periods a week. Required of majors in English and elective for other sophomores, juniors, and seniors. The purpose of this course is to present the development of English literature as an expression of English culture from Beowulf to the present day.

**311. Nineteenth Century Poetry.** Three hours credit. Three class periods a week. The course covers, extensively, a reading of the poems of the major nineteenth-century poets, and intensively, a close study of selected poems. Inevitably, the course stresses the changes of poetic forms and the major concerns of the poets of this era: romantic idealism, humanitarianism, the cult of nature, its rise and decline, political and moral rebellion, aestheticism, and psychological analysis.

**312. Twentieth Century Poetry.** Three hours credit. Three class periods a week. The course centers around the upsurge of American poetic creativeness in this century, and the reflected revolution in ethics, taste, psychology, and the concept of poetic form and expression. Both English and American poets will be treated, but the emphasis will be on the Americans.

**321. Advanced Grammar and Composition.** Two hours credit. Two class periods a week. Required of all majors and minors in English as preliminary to all practice teaching. As a review of the principles and facts of grammar and usage, this course seeks to imbed them more thoroughly in the prospective teacher of English, to explain them more completely and to relate them to the nature and history of the language. This course is practical in its anticipation of pedagogic problems and in its emphasis on the functional application of grammar. It seeks above all to prepare the future teacher of English to be a teacher of composition as well.

**331, 332. World Literature.** Six hours credit. Three class periods a week. Elective for upper classmen and for sophomores with a B average. This course is a survey of world literature, beginning with the classical

works of Greece and Rome and extending through the literature of medi-  
evalism, of the Renaissance, the romantic and other periods, to the litera-  
ture of more recent times. Wide outside reading parallels the work done  
in class.

**342. Contemporary Essays.** Two hours credit. Two class periods a  
week. This course is devoted to reading and analyzing the prose of recent  
and contemporary writers of distinction. Through a varied selection of  
essays, articles, and discussions by competent authorities, the student is  
introduced to facts and ideas of present-day significance. Skill in reading  
and respect for accuracy and sound judgement are emphasized.

**343. Bible as Literature.** Two hours credit. Two class periods a week.  
The purpose of this course is to acquaint the students with the historical  
background out of which the Bible grew, with the sublime and imperishable  
beauty of its language, and with its other rare literary qualities.

**351. Creative Writing.** Two hours credit. Class periods are arranged.  
Admission is by consultation with instructor. This course is designed for  
those students who are interested in writing creatively, whether in prose  
or verse. A specified amount of writing is required of each student, and all  
writing is reviewed and criticized by the instructor and the class.

**361. Literature for the Elementary Teacher.** Three hours credit. Three  
class periods a week. Required in Elementary Education Curriculum. This  
course cannot be used for major or minor requirements. The purpose of  
this course is to familiarize the student with a wide variety of literature  
suitable for children; to afford practice in the reading of poetry and prose,  
in choric reading, and in creative drama; to establish home basis for the  
selection of literature for children; and to develop in the student an ap-  
preciation of the value and importance of literature in the training of  
children.

**372. English Drama.** Two hours credit. Two class periods a week.  
Elective for all seniors. This is a study of the history of the drama to  
Shakespeare, with the reading of representative medieval and Elizabethan  
plays and several of Shakespeare's comedies.

**373. Contemporary Drama.** Two hours credit. Two class periods a  
week. The work of this course consists of fairly wide reading and study of  
recent and contemporary drama, beginning with Ibsen. Continental, Eng-  
lish, and American plays of modern social, moral, and psychological in-  
terest are chosen. Some attention is given to the aims and technique of the  
new drama as compared with the old. Supplementary reading is required.

**401. Chaucer.** Two hours credit. Two class periods a week. Chaucer is  
the first English poet and one of the most modern of all poets. He is  
treated as such in this course. Problems of grammar, questions of diction  
and historical details are all dealt with as a means of understanding the  
poetry itself and throwing light on its humanistic and human content.

**402. Milton.** Two hours credit. Two class periods a week. Elective  
for juniors and seniors. Selections from both the poetry and prose are



read and studied. The facts of Milton's life and background are related to his work, and special attention is given to sections of *Paradise Lost* as examples of the epic style and to the prose as expressions of liberal ideals.

**403. Shakespeare.** Two hours credit. Two class periods a week. Elective for all seniors. This course consists of an intensive study of several of Shakespeare's tragedies and the reading of significant modern drama.

**441. The English Language.** Three periods a week. Three hours credit. Required of English majors. In this course the English language is considered as an organism and an instrument. As an organism, it will be studied from its roots in Anglo-Saxon, French, and Latin, through its long development to its present state. Throughout the course emphasis will be placed on semantics, or the changing meanings and implications of words. The effort of the course is to bring out the underlying currents of grammatical and dictional usage and necessity that govern the language.

**451. Victorian Prose.** Two hours credit. Two class periods a week. Elective for seniors. The course, through a study of the great prose masters of the Victorian period, Carlyle, Macaulay, Newman, Huxley, Ruskin, Arnold, and others, attacks those problems in religion, morals, individual and social aims and adjustments, and literary standards and interpretations that are significantly related to our immediate modern world.

**452. Principles of Literary Criticism.** Two hours credit. Two class periods a week. Elective for seniors. The purpose of this course is to assist the student in developing taste and discrimination in his reading, through a study of the most important literary forms and a critical examination of representative masterpieces.

**453. The Novel.** Two hours credit. Two class periods a week. The aim of the course is to introduce to the students the best work in the novel in the English language, to awaken in each student a desire for the best in fiction, and to furnish him with standards for selecting his reading in that field. With this in view, emphasis is placed on the best fiction, both English and American, and enough historical background is covered to give the setting and offer an understanding of each novel studied.

#### DEPARTMENT OF FOREIGN LANGUAGES

Mr. Jones, Mr. Hatch

#### INTERNATIONAL HOUSE PROGRAM

Boarding students who have been admitted to International House Program are required to have lunch and dinner five school days a week in International House and to speak only French or Spanish during these meals; commuters and others who do not live on the campus are required to have at least one of these meals a day in International House. A student in this Program is charged a fee of \$36.00 for the nine-months school year. This fee must be paid in advance, and no part of it will be refunded except in the case of a student who is drafted into the United States armed forces.

**FRENCH**

Requirements for a major in French: a minimum of 24 semester hours of college courses in French irrespective of any credit allowed for high school work. Courses required are 101 and 102 (or their equivalent) through 402. French majors, upon completing their required work in French, may apply for admission to other courses (403 through 408 listed below). Such courses will be offered if there is sufficient demand.

Requirements for a minor in French: a minimum of 18 semester hours of college courses in French irrespective of any credit allowed for high school work. Courses required are 101 and 102 (or their equivalent) through 302.

**101 and 102. Beginner's French.** Three class periods a week. Six semester hours credit. Beginning French grammar; translation of French into English and of English into French; pronunciation; simple conversation. 101 required for 102.

**201 and 202. Intermediate French.** Prerequisite, course 102 or two years of high school French. Three class periods a week. Six semester hours credit. Grammar review; composition; selected reading; conversation. (Those majoring or minoring in French should apply for admission to International House Program. See announcement above.)

**301 and 302. Advanced French.** Prerequisite, course 202 or its equivalent. Three class periods a week. Six semester hours credit. First semester (301), study and use of phonetic symbols; study of geography and history of France. Second semester (302), survey of French literature. (Those majoring or minoring in French should apply for admission to International House Program. See announcement above.)

**401 and 402. Advanced Grammar and Literature.** Six semester hours credit. Three class periods a week. Prerequisite: French 302. First semester (401), advanced grammar review, review of phonetic symbols, oral reading, composition, the modern novel; second semester (402), comedies of Moliere, French poetry. (Those majoring in French should apply for admission to International House Program. See announcement above.)

**403. Early French Thinkers.** Prerequisite, course 401. Three class periods a week. Three semester hours credit. Introduction to Rabelais and Montaigne with attention given to each author and his time.

**404. Later French Thinkers.** Prerequisite, course 401. Three class periods a week. Three semester hours credit. Introduction to Descartes and Pascal with attention given to each author and his time

**405. Modern French Thinkers.** Prerequisite, course 401. Three class periods a week. Three semester hours credit. Introduction to Voltaire and Rousseau with attention given to each author and his time.

**406. French Poetry.** Prerequisite, course 101. Three class periods a week. Three semester hours credit. Selections from Ronsard, Malherbe, Boileau, La Fontaine, Lamartine, Vigny, Musset, and Verlaine. Attention given to each author and his time.

**407. French Moralists.** Prerequisite, course 401. Three class periods a week. Three semester hours credit. Study of Calvin, Bossuet, Rochefoucauld, and Montesquieu.

**408. French Drama.** Prerequisite, course 401. Three class periods a week. Three hours credit. Plays selected from Corneille and Racine and certain modern plays.

## SPANISH

**101, 102. Beginner's Spanish.** Three class periods a week. Six semester hours credit. Beginning Spanish grammar; translation of Spanish into English and of English into Spanish.

**201, 202. Intermediate Spanish.** Three class periods a week. Six semester hours credit. Prerequisite: Spanish 102 or two years of high school Spanish. Grammar review; composition; selected reading; conversation. (Those minoring in Spanish should apply for admission to International House Program. See announcement above.)

**301, 302. Advanced Spanish.** Prerequisite, course 202 or its equivalent. Three class periods a week. Six semester hours credit. First semester (301), study of Spanish pronunciation; geography and history of Spanish speaking countries; survey of Spanish literature. (Those minoring in Spanish should apply for admission to International House Program. See announcement above.)

**401, 402. Advanced Grammar and Literature.** Six semester hours credit. Three class periods a week. Prerequisite: Spanish 302. First semester (401), advanced grammar review, review of phonetic symbols, oral reading, composition; second semester (402), continuation of advanced grammar and the modern novel. This course is offered only to students who have two years of high school credits in Spanish. (Students minoring in Spanish should apply for admission to International House Program. See announcement above.)

**Spanish Minor:** The requirements for a minor in Spanish are eighteen semester hours of college courses in Spanish irrespective of any credit allowed for high school work.

## GERMAN

**101, 102. Beginner's German.** Three class periods per week. Six semester hours credit. Beginning German grammar. Translation of German into English and English into German; pronunciation; simple conversation. German 101 required for 102.

**201, 202. Intermediate German.** Prerequisite: German 102 or two years of high school German. Three class periods per week. Six semester hours credit. Grammar review, composition, selected reading, conversation.

**B. S. IN SECONDARY EDUCATION — ENGLISH MAJOR**

| <b>First Semester</b>                      |             | <b>Second Semester</b>                     |             |
|--|-------------|--|-------------|
| <b>Freshman:</b>                           |             |  |             |
|  | <b>Hrs.</b> |  | <b>Hrs.</b> |
| English 101                                | 3           | English 102                                | 3           |
| Biology 101                                | 4           | English 241                                | 2           |
| History 101 or<br>any other Social Science | 3           | Biology 102                                | 4           |
| Education 101                              | 1           | History 102 or<br>any other Social Science | 3           |
| Physical Education or<br>Military Training | 1           | Physical Education or<br>Military Training | 1           |
| Approved electives                         | 4           | Approved electives                         | 3           |
| <b>Total</b>                               | <b>16</b>   | <b>Total</b>                               | <b>16</b>   |
|  |             |  |             |
| <b>Sophomore:</b>                          |             |  |             |
| English 201                                | 3           | English 202                                | 3           |
| History 201                                | 3           | History 202                                | 3           |
| General Science 221                        | 3           | General Science 222                        | 3           |
| Physical Education or<br>Military Training | 1           | Psychology 201                             | 3           |
| English Elective                           | 3           | Physical Education or<br>Military Training | 1           |
| Approved electives                         | 4           | Approved electives                         | 3           |
| <b>Total</b>                               | <b>17</b>   | <b>Total</b>                               | <b>16</b>   |
|  |             |  |             |
| <b>Junior:</b>                             |             |  |             |
| Psychology 331                             | 3           | Psychology 332                             | 3           |
| Education 381                              | 3           | Education 382-E                            | 3           |
| English 301                                | 3           | English 302                                | 3           |
| English 321                                | 2           | Minor                                      | 6           |
| Minor                                      | 4           | Education 302-S                            | 2           |
| <b>Total</b>                               | <b>15</b>   | <b>Total</b>                               | <b>17</b>   |
|  |             |  |             |
| <b>Senior:</b>                             |             |  |             |
| Psychology 431                             | 3           | Education 482                              | 3           |
| Education 431                              | 3           | English 403                                | 2           |
| Education 481                              | 6           | Approved electives                         | 3           |
| English 441                                | 3           | Minor                                      | 7           |
| Minor                                      | 1           |  |             |
| <b>Total</b>                               | <b>16</b>   | <b>Total</b>                               | <b>15</b>   |

Any modification of the English program must have the approval of the head of the Department.

**Recapitulation:**

|                      |       |                                  |
|----------------------|-------|----------------------------------|
| English              | 30    |                                  |
| Minor                | 18    |                                  |
| Science              | 14    |                                  |
| Social Sciences      | 12    | (at least three hours in each of |
| Physical Education   |       | 2 fields)                        |
| or Military Training | 4     |                                  |
| Psychology           | 12    |                                  |
| Education            | 21    |                                  |
| Electives            | 17    |                                  |
|                      | <hr/> |                                  |
| TOTAL HOURS          | 128   |                                  |

**DIVISION OF SCIENCE AND MATHEMATICS**

**Professors:**

Paul J. Arnold, Chairman of the Division

**Associate Professors:**

Newbern Wilson Bush, Charles M. Gary, Gordon Mainland,  
Emmett Price

**Assistant Professors:**

Reuben Boozer, Mary Campbell, Ruth Finger, Joe Freymuth, Austin  
Howard, Maurice J. Ingerson, E. E. Nelson, Gaither B. Snoddy, Harold  
Strickland, Raymond C. Watson.

**Instructors:**

Mildred Johnson, Earl W. Aldrup, Sr., Ralph Lindsey

In addition to the majors and minors offered by the various departments of this division, there is offered a natural science major with a minor in humanities for those who plan to become science teachers in the public high schools of Alabama. At the same time the program gives them a sufficient broad experience in other fields to provide a well-rounded education. The major consists of courses from the fields of natural science; biology, chemistry, and physics, plus an introduction to astronomy and geology supported by three semesters of mathematics. The minor requires six hours of courses 300 or above in the fields of social science and/or language; that is, a student may divide the six hours between social sciences and language, or he may complete his minor in either one of the two areas.

For those who are planning to teach physics or to enter any field where a base of science is required or desirable, a mathematics minor may be obtained, in which case Mathematics 251 and 352 would not be required courses, but the fourth semester of physics would be required.

Requirements for a major in natural science: A minimum of fifty-four hours which must include Biology 101, 102, 321 or 432; Chemistry 201, 202 and one other semester of chemistry; Math. 101, 102, 251; Physics 201, 202 and one other semester of physics; General Science 452; three additional semesters of science or mathematics elected from any three of the following: four hours of biology, three hours of chemistry, Math. 352, three hours of physics.

Requirements for a minor in natural science: A minimum of forty-two hours which must include Biology 101, 102, Chemistry 201, 202, Math. 101,

102, Physics 201, 202, General Science 452; two additional semesters of science elected from any two of the following: four hours of biology, three hours of chemistry, Mathematics 352, three hours of physics.

For specific requirements and semester allocations, see different departments of science and mathematics on pages that follow. Courses equivalent to those outlined in special curricula may be taken only on approval of Advisor and Director of Admissions. Except in cases of transfer students, partial credit will not be accepted on any advanced courses to satisfy major or minor requirements.

### DEPARTMENT OF BIOLOGY

Mr. Arnold, Mr. Boozer, Mr. Lindsey, Mr. Mainland, Mr. Price

A major in biology consists of a minimum of 32 hours of approved courses which shall include the following or their equivalent: Biology 101, 102, 321, 12 hours of advanced biology courses and Chemistry 201, 202. In certain curricula 432 may be used for 321.

A minor in biology consists of a minimum of 18 hours as follows: Biology 101, 102, 321 or 432 plus 6 hours of advanced biology courses.

Biology 241, 242, and 251, 252 will be accepted for 101, 102. Students majoring in biology are urged to take these courses instead of 101, 102.

**101, 102, General Biology.** Eight hours credit. Three class periods and one laboratory period a week. Two semesters. The physiological processes such as food synthesis, digestion, respiration, circulation, excretion, movement, irritability and reproduction are studied, particularly as they relate to the human body. The course also includes a survey of the plant and animal kingdoms. Laboratory fee: \$3 per semester.

**241, 242. General Zoology.** Six hours credit. Two class periods and one laboratory period a week. Two semesters. An elementary study of the anatomy, physiology, ecology, taxonomy, and economic importance of representative animals in the more generally known phyla. (Given in alternate years with General Botany.) Laboratory fee: \$3.00 per semester.

**251, 252. General Botany.** Six hours credit. Two class periods and one laboratory period a week. Two semesters. A study of the morphology, physiology, taxonomy, and economic importance of representative plants. (Given in alternate years with General Zoology.) Laboratory fee: \$3.00.

**301. Field Zoology.** Two hours credit. One class period and one laboratory period a week, plus field trips. Prerequisite: General Biology or General Zoology. A biological study of the common-animal habits for the purpose of collecting and identifying animals and noting ecological conditions. Laboratory fee: \$3.00 per semester.

**302. Field Botany.** Two hours credit. One class period and one laboratory period a week, plus field trips. Prerequisite: General Biology or General Botany. A biological study of the common plant life of Alabama. The laboratory work includes field trips to typical plant habitats for the

purpose of collecting and identifying plants and noting ecological conditions. Laboratory fee: \$3:00 per semester.

**303. Wildlife Conservation.** Two hours credit. Two class periods a week and field trips. A study of the distribution, habits and conservation of the wild life of America with particular emphasis on Alabama.

The prerequisite for each of the following courses is General Biology or its equivalent.

**321. Human Anatomy and Physiology.** Four hours credit. Three class periods and one laboratory period a week. One semester. A study of the anatomy and physiology of the human body. Laboratory fee: \$3.00.

**322. Genetics.** Four hours credit. Three class periods and one laboratory period a week. One semester. A survey of important facts, laws, theories and methods used in the study of genetics. Laboratory fee: \$4.50.

**323. Bacteriology.** Four hours credit. Two class periods and two laboratory periods a week. One semester. A survey of general bacteriology including methods of culture and identification of some of the most common types of micro-organisms. Laboratory fee: \$4.50.

**332. Ecology.** Four hours credit. Three class periods and one laboratory period a week. Also field trips. A survey of the association and distribution of plants and animals in relation to the major environmental factors. Laboratory fee: \$3.00 per semester.

Courses for advanced students. Prerequisite: 12 hours of Biology, Junior standing, and/or consent of advisor. Prerequisite for 433, 471, and 472 must include 321 or 432, or the equivalent.

**421, 422. Biology for Medical Technologists.** Eight hours credit each semester. Topics included are: Bacteriology, Parasitology and Serology, Blood Bank, Hematology, Histopathologic Technic.

**431, 432. Vertebrate Anatomy.** Eight hours credit. One class period and three laboratory periods a week. Two semesters. The first semester consists of a study of the cold-blooded vertebrates. Laboratory study will center around the dogfish and the turtle. The second semester is devoted to the study of warm-blooded animals with special emphasis on the mammals. Laboratory will be intensive study of the anatomy of the cat. Laboratory fee: \$6.00 per semester.

**433. Embryology.** Four hours credit. Two class periods and two laboratory periods a week. One semester. The principles of vertebrate embryology. Laboratory fee: \$6.00.

**471. Parasitology.** Four hours credit. Two class periods and two laboratory periods a week. An introduction to the parasites of man and domestic animals. Laboratory fee: \$6.00.

**472. Histology.** Four hours credit. One class period and three laboratory periods a week. A consideration of the origin, recognition and functions of the fundamental and special tissues of the vertebrates. Laboratory fee: \$4.00.

473. **Cytology.** Two hours credit. One class period and one laboratory period a week. A detailed study of the cytological theories, structures, and functions. Laboratory fee: \$6.00.

### DEPARTMENT OF CHEMISTRY

Mrs. Campbell, Mr. Gary, Mr. Ingerson, Mr. Mainland

A major in chemistry (excluding Medical Technology) consists of a minimum of 29 to 32 hours in Chemistry; Mathematics (algebra and trigonometry) 6 hours; physics eight to ten hours. At least fifteen hours in chemistry must be in courses numbered 300 or above.

A minor in chemistry consists of a minimum of 18 hours of approved chemistry courses. At least 6 hours of the chemistry must be in courses numbered 300 or above.

**201, 202. General Chemistry.** Eight hours credit. Three class periods and one laboratory period a week. Two semesters. This course gives the student an elementary knowledge of the fundamental laws of chemistry. Laboratory fee: \$6 per semester and breakage.

**242. Qualitative Analysis.** Three hours credit. One class period and six hours of laboratory work a week. One semester. Prerequisite: Chemistry 201 and 202. In this course the chemistry of metallic elements is studied in connection with methods of separating and detecting the elements present in simple ores, alloys and various industrial products. Laboratory fee: \$7.50 per semester and breakage.

**301. Quantitative Analysis.** Four hours credit. Two class periods and eight hours of laboratory work a week. One semester. Prerequisite: Chemistry 201 and 202. The fundamental principles of gravimetric and volumetric analysis are discussed and their relationship to laboratory procedure is emphasized. Laboratory fee: \$7.50 per semester and breakage.

**302. Advanced Quantitative Analysis.** Four hours credit. Two class periods and eight hours of laboratory work a week. One semester. Prerequisite: Chemistry 301. Designed to give the student additional analytical experience in the analysis of ores, alloys and commercial products. The nature of the work is varied somewhat to meet the needs of the individual. Laboratory fee: \$7.50 per semester and breakage.

**401, 402. Organic Chemistry.** Ten hours credit. Three class periods and four hours of laboratory work a week. Two semesters. Prerequisite: Chemistry 201 and 202. A study of the principles of organic chemistry including synthesis of common compounds, emphasizing those compounds which relate to food, fuels, and other everyday uses. The last part of the course deals with organic preparations. Laboratory fee: \$7.50 per semester and breakage.



**421-422. Chemistry for Medical Technologists.** Six hours credit each semester. Prerequisite: consent of instructor.

Topics included are:

Clinical Chemistry

Electrocardiography

Basal Metabolism

Urinalysis and Clinical Microscopy

**481. Bio-Chemistry.** Four hours credit. Three class periods and four hours of laboratory work a week. The various food principles and metabolic processes are studied as they relate to the changes that take place within the body. Prerequisite: General Chemistry. Laboratory fee: \$7.50 per semester and breakage.

**482. Physical Chemistry.** Four hours credit. Three lecture periods and four hours of laboratory work a week. Prerequisite: Chemistry 301, Physics 202, Math 102. This course is primarily for pre-medical students and embraces a study of the nature of gases, liquids, solids, and solutions, and more important theories and laws governing their behavior. Laboratory fee: \$7.50 per semester and breakage.

#### DEPARTMENT OF GENERAL SCIENCE

Mr. Nelson, Mr. Strickland

**221, 222. General Science.** Six hours credit. Two lecture periods and one laboratory period or field trip and conferences per week. Two semesters. A survey course in the natural sciences. Laboratory fee: \$3.00 per semester.

**361. Science for the Elementary Teachers.** Four hours credit. Four class periods a week. Prerequisite: Completion of freshman and sophomore science. Required of all elementary education majors. A study of the topics from the field of science which are included in the elementary school program. Emphasis is placed on materials, demonstrations and organization of subject matter for the various levels. Laboratory fee: \$1.50 per semester.

**452. Natural Science.** Four hours credit. Four periods a week and arranged field trips. Prerequisite junior standing. This course is designed to give the high school science teacher some knowledge of astronomy, earth science, methods and sources of materials used in secondary school science. It will consist of seven or eight weeks of astronomy, seven or eight weeks of earth science and two or three weeks of materials and methods for secondary school science. The order in which the astronomy and earth science are given will be determined by the seasonal conditions at the beginning of the semester in which it is offered.

#### DEPARTMENT OF MATHEMATICS AND BASIC ENGINEERING

Mr. Aldrup, Mr. Bush, Mrs. Campbell, Miss Finger, Mr. Hicks,

Mr. Howard, Mrs. Johnson, Mr. Watson

A major in mathematics includes Mathematics 101, 102; 201 and 202 or 211; 301, 302; and two courses from the 400 group, a minimum of twenty-

seven hours. A minor includes all the above except the 400 group. It is recommended that mathematics majors take one year of physics.

Students majoring in mathematics seeking a bachelor of arts degree or students in secondary education see page 35 for minor selections.

Students will be admitted to College Algebra 101 only on the basis of a mathematics classification test. Students failing to take the test at the regularly announced time will automatically take Algebra 001.

**001. Algebra and Elementary College Mathematics.** This is a non-credit remedial laboratory course in Mathematics. Students are placed in this laboratory on the basis of placement scores. Satisfactory completion is required prior to admission to Algebra 101. Laboratory fee: \$7.50.

**002. Plane Geometry.** This is a non-credit laboratory, offered to students desiring to major or minor in mathematics or basic engineering students who have not had Plane Geometry. Laboratory fee: \$7.50.

**032. Applied Mathematics.** This is a non-credit course in Applied Mathematics required of elementary teachers who are not adequately prepared in Applied Mathematics as indicated by tests administered by the Mathematics Department. Either an adequate score on the test or satisfactory completion of this course is a requirement for admission to Education 342. Laboratory fee: \$7.50.

**101. College Algebra.** Three hours credit. Five periods a week. Prerequisite: One year of high school algebra or Mathematics 001. This is a thorough study of college algebra and will give the student the necessary skills in algebra to study mathematics beyond the freshman year.

**102. Plane Trigonometry.** Three hours credit. Three periods a week. Prerequisite: Plane geometry and one year of high school algebra, or Mathematics 101.

**201. Analytic Geometry.** Three hours credit. Three periods a week. Prerequisite: Mathematics 101 and 102. This course covers the usual topics of analytic geometry through the conic sections, including transformation and rotation of axes.

**202. Analytic Geometry.** Three hours credit. Three periods a week. Prerequisite: Mathematics 201. This course is a continuation of Mathematics 201, and includes higher plane curves, polar coordinates, parametric equations, and solid analytic geometry.

**211. Analytic Geometry for Engineers.** Five hours credit. Five periods a week. Prerequisite: Mathematics 101 and 102. This course deals with the usual topics of analytic geometry, including higher plane curves, polar coordinates and an introduction to solid analytics.

**221. Mathematics of Finance.** Three hours credit. Three periods a week. Prerequisite: Mathematics 101. Includes simple and compound interest, trade and bank discounts, depreciation, annuities, amortization, stocks and bonds.

**251. Mathematical Analysis.** Three hours credit. Three periods a

week. Prerequisite: Mathematics 101 and 102. This course covers elementary topics from analytic geometry and differential calculus. This is a special course for students majoring in natural science and should not be taken by mathematics majors or minors.

**301. Differential and Integral Calculus.** Five hours credit. Five periods a week. Prerequisite: Mathematics 202. This course covers the usual topics of differential calculus, formal integration, and area bounded by curves in rectangular and polar coordinates.

**302. Differential and Integral Calculus.** Five hours credit. Five periods a week. Prerequisite: Mathematics 301. This course is a continuation of Mathematics 301, and includes topics from first moments, second moments, multiple integrals, partial differentiation, infinite series, hyperbolic functions, and ordinary differential equations.

**352. Mathematical Analysis.** Three hours credit. Three periods a week. Prerequisite: Mathematics 251. A continuation of Mathematics 251, this course also covers elementary integration and the Fundamental Theorem of Integral Calculus.

**401. Differential Equations.** Three hours credit. Three periods a week. Prerequisite: Mathematics 302 and ten hours of physics. One semester. The methods of solving differential equations of the first and second order, with applications, are studied in this course.

**402. Theory of Equations.** Three hours credit. Three periods a week. Prerequisite: Mathematics 302. This course deals with polynomial functions, complex numbers, trigonometric equations, cubic equations, approximation of roots of numerical equations and determinants.

**403. Vector Analysis.** Three hours credit. Three periods a week. Prerequisite: Mathematics 302 and one year of Physics. The algebra and calculus of vectors; applications to geometry, electricity, and physics; harmonic functions and potentials.

**421. College Geometry.** Three hours credit. Three periods a week. Prerequisite: Mathematics 302 or permission from the instructor. A thorough study of the properties of the circle and triangle, indirect element construction, and the nine point circles.

**BASIC ENGINEERING**

The Basic Engineering program is offered by this college. Satisfactory completion of this program enables the engineering student to transfer to most engineering schools with full junior standing.

A candidate for admission to the Basic Engineering program must present the following high school subjects:

|   |          |
|---|----------|
| Elementary and Intermediate Algebra ..... | 1½ units |
| Solid Geometry or Trigonometry .....      | ½ unit   |
| or  |          |
| Elementary and Intermediate Algebra ..... | 2 units  |
| Plane Geometry .....                      | 1 unit   |

Admission to the regular freshman engineering program will be made on the basis of a mathematics classification examination. Students lacking the required units in geometry or failing to make a satisfactory score on the classification examination will be admitted provisionally, but must carry a reduced load and must satisfactorily make up deficiencies in geometry and algebra during their first semester by taking non-credit courses offered by this college.

**113. Engineering Analysis.** Two hours credit. Four periods each week. An introduction to the engineering methods of problem analysis. The arithmetic of approximate numbers, applied logarithms, applied trigonometry, elementary vectors, instruction and practice in the use of the log-log slide rule, engineering charts and graphs, solving of quadratics and systems of equations. Prerequisite: Mathematics 101; concurrent: Mathematics 102.

**121. Engineering Graphics I.** Two hours credit. One lecture and four lab periods each week. An introduction to the graphical methods used in engineering. Standard lettering, use of drafting instruments, applied geometry, pictorial sketching, orthographic projection, auxiliary projection, isometric sketching and drawing, sectioning, elementary dimensioning, engineering graphs. Prerequisite: Plane Geometry.

**122. Engineering Graphics II.** Two hours credit. One lecture and four lab periods each week. A continuation of Engineering 121. Properties of lines and planes, primary and secondary auxiliary views, intersections of surfaces, methods of revolution, surface developments, conics, graphical solutions of plane and space vectors, mapping and topography. Prerequisite: Engineering 121.

**221. Machine Drawing.** Two hours credit. One lecture and four lab periods each week. The use of elementary graphics in machine representation. Machine shop methods, precision and limit dimensioning, screw threads, threaded fasteners, keys, rivets, springs, working drawings, assembly drawings, gears and cams, jig and fixtures, piping drawings, welding drawing, structural drawing. Prerequisite: Engineering 121.

**233. Graphic Statics** One hour credit. Three lab periods each week. Graphical solutions to problems in statics. Freebody diagrams, resultants, equilibrium, trusses, friction. A certain amount of computation is also required. Prerequisite: Engineering 121; Corequisite: Physics 211.

**234. Mechanisms.** Two hours credit. One lecture and three lab periods each week. Kinematics of machinery. Displacement, velocity, and acceleration in linkages; instant centers; cams; gearing and gear trains; rolling contact. Prerequisite: Engineering 121; Corequisite: Physics 211, Mathematics 211.

**242. Engineering Materials.** Two hours credit. Two lecture periods each week. A study of metallic and non-metallic materials and their uses in engineering. Basic metallurgy, physical and mechanical properties, stress-strain diagrams, specific materials. Prerequisite: Chemistry 201, Physics 211.

243. **Materials and Processes.** Three hours credit. Three lecture periods each week. The same topics which are included in Engr. 241 with the addition of: reduction processes, foundry practices, metal casting, heat treatment, hot and cold forming, welding, power metallurgy, machine shop tools, production equipment, inspection gages. Prerequisite: Chemistry 201; Physics 211.

261. **Introduction To Numerical Analysis.** Two hours credit. Two periods each week. An advanced course in engineering analysis. Advanced use of the log-log slide rule and introduction to the use of desk calculators. Function evaluation, series solutions, interpolation, numerical intergration, complex numbers, solutions to systems of equations. Prerequisite: Mathematics 301 and Engineering 113.

301. **Statics.** Three hours credit. Three class periods each week. Analysis of the principles of mechanics and their engineering applications. Forces, moments, and couples; resultants of force systems; equilibrium; friction; centroids; moments of inertia. Prerequisite: Mathematics 301 and physics.

**BASIC ENGINEERING**

**First Semester**

**Second Semester**

**Freshman—All Options:**

|                    | Hrs.     |                    | Hrs.     |
|--------------------|----------|--------------------|----------|
| Mathematics 101    | 3        | *Mathematics 211   | 5        |
| Mathematics 102    | 3        | Engineering 113    | 2        |
| Engineering 121    | 2        | Engineering 122    | 2        |
| Chemistry 201      | 4        | Chemistry 202      | 4        |
| English 101        | 3        | English 102        | 3        |
| ROTC 101           | 1        | English 241        | 2        |
| Physical Education | 1        | ROTC 102           | 1        |
| Approved Electives | 3        | Physical Education | 1        |
|                    | <hr/> 20 |                    | <hr/> 20 |

\*Industrial Management students should schedule Math of Finance 221 and Typing 284 in place of Math 211.

**Sophomore—General Engineering:**

|                    |          |                 |          |
|--------------------|----------|-----------------|----------|
| Mathematics 301    | 5        | Mathematics 302 | 5        |
| Physics 211        | 5        | Physics 212     | 5        |
| Engineering 234    | 2        | Engineering 221 | 2        |
| Engineering 241    | 3        | Engineering 301 | 3        |
| Approved electives | 3        | ROTC 202        | 1        |
| ROTC 201           | 1        | English 271     | 2        |
| Engineering 233    | 1        | Engineering 261 | 2        |
|                    | <hr/> 20 |                 | <hr/> 20 |

**Sophomore—Chemical Engineering:**

|                   |    |                 |    |
|-------------------|----|-----------------|----|
| Mathematics 301   | 5  | Mathematics 302 | 5  |
| Physics 211       | 5  | Physics 212     | 5  |
| Chemistry 242     | 3  | Chemistry 301   | 4  |
| Political Science | 3  | Engineering 221 | 2  |
| History 201       | 3  | Engineering 301 | 3  |
| ROTC 201          | 1  | ROTC 202        | 1  |
|                   | 20 |                 | 20 |

**Sophomore—Industrial Management:**

|               |    |                    |    |
|---------------|----|--------------------|----|
| Science 221   | 3  | Science 222        | 3  |
| Geography 241 | 3  | Economics 351      | 3  |
| History 201   | 3  | Engineering 221    | 2  |
| Business 391  | 3  | Business Elective* | 3  |
| Business 483  | 3  | Business 481       | 3  |
| Business 492  | 3  | Business 482       | 3  |
| ROTC 201      | 1  | ROTC 202           | 1  |
|               | 19 |                    | 18 |

NOTE: Business courses are to be scheduled as they are available in either semester of the sophomore year.

\*Consult advisor.

**DEPARTMENT OF PHYSICS**

Mr. Freymuth, Mr. Watson

The work in this department is planned to meet the needs of students preparing to teach physics and general science in high school, students minoring in physics, and students pursuing other curricula which have requirements in physics.

Twenty to twenty-two semester hours are required for a minor in physics. A minor in physics includes Physics 201, 202, or Physics 211, 212; at least six hours in the 300 group, and at least six hours in the 400 group. It is recommended that physics students take one year of chemistry.

**201-202. College Physics.** Four hours credit each semester. Two lecture periods and two laboratory periods a week. Mechanics, heat, and sound are treated in the first semester; magnetism, electricity, light, and atomic physics are treated in the second semester. These are introductory courses for students taking physics as a minor, and terminal courses for students desiring only a brief course in physics. Prerequisite: consent of instructor. Laboratory fee: \$7.50 each semester and breakage.

**211-212. Technical Physics.** Five hours credit each semester. Four lecture periods and one laboratory period each week. These courses cover essentially the same topics as those given in 201-202. They are designed primarily for students taking the basic engineering curriculum. The treatment is more technical than that given in 201-202. Prerequisite: Mathematics 102. (Students should have completed or be taking concurrently Mathematics 211 or its equivalent.) Laboratory fee: \$7.50 each semester and breakage.

**252. Household Physics.** Three hours credit. Two lecture periods and one laboratory period a week. A physics course for home-economic students, covering some of the principles involved in household appliances. Laboratory fee: \$4.50 each semester and breakage.

**301-302. Analytical Mechanics.** Three hours credit each semester. Three lecture periods a week. In the first semester the usual topics of statics are taken up: vectors, composition and resolution of forces, equilibrium of force systems in the plane, cables, forces in space, centroids, and moments of inertia. In the second semester the usual topics of dynamics are taken up: motion of a point, plane motion, kinetics of a particle, impulse and momentum, work and kinetic energy, dynamics of a rigid body. Prerequisite: Students must have completed or be taking Mathematics 301.

**331. Electronic Circuits.** Three hours credit. Three lecture periods per week. This is a course in radio fundamentals, and should be of great interest to physics minors; it would also be a suitable elective for engineers and other science students as it may be taken by those who do not have credit for advanced mathematics. Topics considered are: AC circuits, resonance, vacuum tubes, amplifiers, oscillators and other vacuum tube circuits. Prerequisite: Physics 202 or equivalent, Math 102.

**351. Experimental Problems.** One to four hours credit, depending on the extent of the problem. Credit may be given in different semesters for successive problems, but total is not to exceed four hours. A laboratory course for the student who is capable of doing primarily individual experimental work on an advanced nature. Prerequisite: Eleven hours of physics and permission of the instructor. Laboratory fee: \$7.50 each semester and breakage.

**401-402. Classical And Modern Physics.** Three hours credit each semester. Three lecture periods each week. Topics considered are mechanics, properties of matter, heat, wave motion, electricity and magnetism, light, discharges through gasses, the quantum theory and atomic structure, atomic and nuclear processes, astrophysics, as time permits. Prerequisite: Consent of instructor.

**403, 404. Electricity and Magnetism; Electric Circuits.** Three hours credit each semester. Three lecture periods each week. First semester: electric fields, magnetism, potential, capacitance, Ohm's law, Kirchhoff's law, thermal effects, chemical effects, magnetic effects, generator, motor, and alternating currents. Second semester: resistance and resistance networks, circuit theory, steady state, alternating current theory for linear circuits, transient behavior of linear and non-linear circuits.

**B. S. DEGREE IN SECONDARY EDUCATION****Major: Natural Science****Minor: Humanities (Language or Social Science)****Designed especially for those who plan to become high school science teachers**

| First Semester             | Hrs. | Second Semester            | Hrs. |
|----------------------------|------|----------------------------|------|
| <b>Freshman:</b>           |      |                            |      |
| English 101                | 3    | English 102                | 3    |
| Mathematics 101            | 3    | English 241                | 2    |
| Biology 101                | 4    | Mathematics 102            | 3    |
| Social Science*            | 3    | Biology 102                | 4    |
| ROTC or                    |      | Social Science*            | 3    |
| Physical Education 101     | 1    | ROTC or                    |      |
| Education 101              | 1    | Physical Education 102     | 1    |
|                            | —    |                            | —    |
|                            | 15   |                            | 16   |
| <b>Sophomore:</b>          |      |                            |      |
| English 201 or 301         | 3    | English 202 or 302         | 3    |
| History 201                | 3    | History 202                | 3    |
| Chemistry 201              | 4    | Chemistry 202              | 4    |
| Mathematics 251            | 3    | Mathematics 352            | 3    |
| ROTC or Physical Education | 1    | ROTC or Physical Education | 1    |
| Psychology 201             | 3    | Minor***                   | 3    |
|                            | —    |                            | —    |
|                            | 17   |                            | 17   |
| <b>Junior:</b>             |      |                            |      |
| Psychology 331             | 3    | Psychology 332             | 3    |
| Physics 201                | 4    | Physics 202                | 4    |
| Education 381              | 3    | Education 382              | 3    |
| Education 302-S            | 2    | Chemistry elective         | 3    |
| Biology 321 or 432         | 4    | Biology elective           | 4    |
|                            | —    |                            | —    |
|                            | 16   |                            | 17   |
| <b>Senior:</b>             |      |                            |      |
| Psychology 431             | 3    | Education 482              | 3    |
| Education 431              | 3    | Natural Science 452        | 4    |
| Education 481              | 6    | Physics elective           | 3    |
| Physics elective**         | 3    | Minor***                   | 3    |
|                            |      | Elective**                 | 2    |
|                            | —    |                            | —    |
|                            | 15   |                            | 15   |

\*Any social science except history.

\*\*The student should consult his adviser.

\*\*\*Language or social science.



B. S. DEGREE

MAJOR MATHEMATICS — MINOR CHEMISTRY

First Semester

Second Semester

Freshman:

|                   |   |
|-------------------|---|
| English 101       | 3 |
| Chemistry 201     | 4 |
| Mathematics 101   | 3 |
| Social Science    | 3 |
| ROTC or Phys. Ed. | 1 |
| Elective          | 1 |
| Education 101     | 1 |

|                   |   |
|-------------------|---|
| English 102       | 3 |
| English 241       | 2 |
| Chemistry 202     | 4 |
| Mathematics 102   | 3 |
| Social Science    | 3 |
| ROTC or Phys. Ed. | 1 |

TOTAL 16

TOTAL 16

Sophomore:

|                    |   |
|--------------------|---|
| Mathematics 201    | 3 |
| Chemistry 301      | 4 |
| Physics 211        | 5 |
| English 201 or 301 | 3 |
| ROTC or Phys. Ed.  | 1 |

|                    |   |
|--------------------|---|
| Mathematics 202    | 3 |
| Chemistry 302      | 4 |
| Physics 212        | 5 |
| English 202 or 302 | 3 |
| ROTC or Phys. Ed.  | 1 |

TOTAL 16

TOTAL 16

Junior:

|                      |   |
|----------------------|---|
| Mathematics 301      | 5 |
| Chemistry            | 3 |
| American History 201 | 3 |
| Electives            | 5 |

|                      |   |
|----------------------|---|
| Mathematics 302      | 5 |
| American History 202 | 3 |
| Electives            | 8 |

TOTAL 16

TOTAL 16

Senior:

|                 |    |
|-----------------|----|
| Mathematics 401 | 3  |
| Electives       | 13 |

|                      |    |
|----------------------|----|
| Mathematics elective | 3  |
| Electives            | 13 |

TOTAL 16

TOTAL 16

Recapitulation:

|                    |    |
|--------------------|----|
| Education          | 1  |
| English            | 14 |
| Social Science     | 12 |
| ROTC or Phys Ed.   | 4  |
| Mathematics        | 28 |
| Chemistry          | 19 |
| Physics            | 10 |
| Approved electives | 40 |

TOTAL HOURS 128

**B. S. DEGREE****MAJOR MATHEMATICS — MINOR PHYSICS**

| <b>First Semester</b>  |            | <b>Second Semester</b> |           |
|------------------------|------------|------------------------|-----------|
| <b>Freshman:</b>       |            |                        |           |
| English 101            | 3          | English 102            | 3         |
| Chemistry 201          | 4          | English 241            | 2         |
| Math 101               | 3          | Chemistry 202          | 4         |
| Social Science         | 3          | Math 102               | 3         |
| ROTC or Phys. Ed.      | 1          | Social Science         | 3         |
| Approved elective      | 1          | ROTC or Phys. Ed.      | 1         |
| Education 101          | 1          |                        |           |
| <b>TOTAL</b>           | <b>16</b>  | <b>TOTAL</b>           | <b>16</b> |
| <b>Sophomore:</b>      |            |                        |           |
| Math 201               | 3          | Math 202               | 3         |
| Physics 201            | 4          | Physics 202            | 4         |
| English 201 or 301     | 3          | English 202 or 302     | 3         |
| American History 201   | 3          | American History 202   | 3         |
| ROTC or Phys. Ed.      | 1          | ROTC or Phys. Ed.      | 1         |
| Approved electives     | 2          | Approved electives     | 2         |
| <b>TOTAL</b>           | <b>16</b>  | <b>TOTAL</b>           | <b>16</b> |
| <b>Junior:</b>         |            |                        |           |
| Math 301               | 5          | Math 302               | 5         |
| Physics 301            | 3          | Physics elective       | 3         |
| Approved electives     | 8          | Approved electives     | 8         |
| <b>TOTAL</b>           | <b>16</b>  | <b>TOTAL</b>           | <b>16</b> |
| <b>Senior:</b>         |            |                        |           |
| Math 401               | 3          | Math elective          | 3         |
| Physics elective       | 3          | Physics elective       | 3         |
| Approved electives     | 10         | Approved electives     | 10        |
| <b>TOTAL</b>           | <b>16</b>  | <b>TOTAL</b>           | <b>16</b> |
| <b>Recapitulation:</b> |            |                        |           |
| Education              | 1          |                        |           |
| English                | 14         |                        |           |
| Social Science         | 12         |                        |           |
| ROTC or Phys. Ed.      | 4          |                        |           |
| Mathematics            | 28         |                        |           |
| Physics                | 20         |                        |           |
| Chemistry              | 8          |                        |           |
| Approved electives     | 41         |                        |           |
| <b>TOTAL HOURS</b>     | <b>128</b> |                        |           |

## DIVISION OF SOCIAL SCIENCES

## Professors:

James M. Anders, Chairman of the Division

## Associate Professors:

Bernard Hennes, Frank Lovrich, Elmer Pendell, Leon McCluer

## Assistant Professors:

Edward E. Espling, William E. Gilbert, Alta Millican, Anatol von Spakovsky, George Whatley, Robert E. Williams, Edwin Van Keuren

## Instructor:

Mr. Richard N. Thompson

The several survey courses in this division, namely, Economics 121-2, History 101-2, Political Science 201-2, and Sociology 221-2, must be taken in sequence, commencing with the lower number.

Not more than thirty-six hours in any one subject and not more than fifty-four hours in the entire social science area may be earned by any student.

## DEPARTMENT OF ECONOMICS

Mr. Espling, Mr. Pendell, Mr. Williams

The requirements for a minor in economics may be met by taking eighteen semester hours in the department, including Economics 121, 122, and must include six semester hours of courses numbered 300 or above. Economics minors should consult the adviser.

**121. Principles of Economics.** Three hours credit. Three class periods a week. This course is planned to give a general understanding of our economic life and the fundamental principles underlying it. An analysis is made of proprietorships, partnerships, corporations, competition and monopoly, supply and demand, and wages and profits.

**122. Economic Problems.** Three hours credit. Three class periods a week. Prerequisite: Economics 121 or equivalent. Designed to equip the student for intelligent consideration of contemporary economic issues and problems and proposed solutions of them. Consideration is given to major problems involving such factors as labor, economic stability, foreign trade, and foreign economic systems.

**151. American Economic History.** Two hours credit. Two class periods a week. No prerequisite. A non-technical course. A survey of the agricultural, commercial, and financial progress of the United States from colonial times to the present day. Such topics as public-land policy, railroads and the development of the West, urbanization and industrialization, the labor movement, rise of big business, monetary and tariff policies, and current developments will be discussed.

**253. Public Finance.** Two hours credit. Two class periods a week. Prerequisite: Economics 121 or equivalent. This is a basic course devoted to a study of public expenditures, public revenues, and general fiscal policy.

While there is an evolutionary approach, special attention is given to current trends.

**351. Industrial Relations.** Three hours credit. Three class periods a week. Prerequisite: Economics 121 or equivalent. Consideration is given to various methods which may be used by management and labor in working out harmonious relationships.

**352. Economic Thought.** Two hours credit. Two class periods a week. Prerequisite: Economics 121. Recent development, theories in trends and economic thought, with emphasis on the theory of monopolistic competition.

**353. International Trade.** Two hours credit. Two class periods a week. No prerequisite. A non-technical course. After a brief historical study of international trade, a critical analysis of the present foreign commerce of the United States and her principal competitors will be made. Special emphasis will be placed upon the developing Pan-American trade relations between the United States and Latin America.

**354. Consumer Economics.** Two hours credit. Two class periods a week. The role of the consumer in directing the economic system; restrictions on consumer controls; custom-made, fashion-made, and producer-made wants; budgets and planning expenditures; buying insurance, home, and investments; standards, grades, labels, and brands; governmental regulation and control in the field of consumer goods.

**355. Economics of National Security.** Two hours credit. Two class periods a week. A study of problems of national security. Industrial mobilizations, civilian defense, priorities, and price fixing are among the topics examined.

**491. Money and Banking.** Three hours credit. Three class periods a week. Prerequisite: Economics 121 or equivalent. This course begins with a study of the nature, characteristics and functions of money. It also covers the history of commercial banks, small loan companies, the federal reserve system, federal deposit insurance, and a comparative study of some foreign banking systems.

**492. Investments.** Two hours credit. Two class periods a week. Prerequisite: Economics 121 or equivalent. A study of the role which the security markets play in American economic life. Attention is given to the various types of securities, their purchase and sale, the factors which determine their market prices, and the relation of stock speculation to the banking system and general prosperity.

**Business Education 492. Business Statistics.** Three hours credit. Three class periods a week. See Business Education 492.

**Business Education 493. Marketing.** Two hours credit. Two class periods a week. See Business Education 493.

**493. Corporation and Industrial Finance.** Three hours credit. Three class periods a week. Prerequisite: Economics 121 or equivalent. Topics treated include: principles and problems in the financial organization of corpora-

tions, advantages and disadvantages of corporations, legal position, internal financial management, marketing of securities, distribution of earnings, expansion, reorganization, and liquidation.

### DEPARTMENT OF GEOGRAPHY

Mr. McCluer, Mr. Thompson

A minor in geography must consist of eighteen hours, of which six hours must be in 101, 102; other courses to be taken with the advice of the minor professor. Six of the eighteen hours must be in courses numbered 300 or above.

**101. Principles of Geography.** Three hours credit. Three class periods a week. Elective for freshmen. The purposes of this course are to give an appreciation and understanding of the importance of geography in its relations to the objectives of a general education; to give the knowledge needed to interpret and enjoy the common things of life; and to give a knowledge of some of the fundamentals of the earth's characteristics such as climate, soil, and land and water bodies, so that man's adjustments to these elements may be successfully interpreted.

**102. Geography of North America.** Three hours credit. Three class periods a week. Elective for freshmen. Prerequisite: Geography 101. The purpose of the course is to show how, and to what extent, the economic and social life of the people of North America is conditioned by the elements of the natural environmental complex.

**241. Principles of Economic Geography.** Three hours credit. Three class periods a week. Open to commercial students. It is the object of this course to explain the production and distribution of goods, to analyze those universally applicable economic principles that underlie our industrial life. It will treat the following topics: the field of economic geography; landforms; climate and vegetation; power sources; labor and capital; transportation; raw materials; markets; governmental policies affecting trade and production; the geography of production and distribution of the commodities of trade.

**242. Industrial Geography.** Three hours credit. Three class periods a week. This course is a continuation of course 241. It will treat such topics as producing regions and their interdependence, resources of countries and how they bear upon trade and production, the elements of strength and weakness of the different countries, commercial centers, trends in trade and production; international economic relations.

**301. Geography of Europe.** Three hours credit. Three class periods a week. Elective for juniors. Prerequisite: Geography 101. This course is a regional study of Europe as a whole, followed by an application of principles learned from this regional study to the various countries of Europe. A geographic basis is established for interpreting economic and social activities, in terms of factors of environment.

**302. Geography of Latin America.** Three hours credit. Three class periods a week. Elective for freshmen. Prerequisite: Geography 101.

The purposes of this course are to study the geographic environment of the various countries of Latin America in order to interpret man's adjustment to the several geographic regions; to understand the geographic factors involved in the recent commercial development of the Latin American republics; and to bring about more friendly relations between the people of the United States and those of Latin America.

**303. Geography of the South.** Three hours credit. Three class periods a week. Prerequisite: Geography 101. The purpose of this course is to give a detailed study of the South in the varied geographic interrelationships of man and his environment in the region. The course will deal with such topics as the South today in relation to its physical environment; pioneers and settling of the South; adjustment in transportation facilities; the development and adjustments in agriculture; the development and adjustments in manufacturing; the exploitation of natural resources—minerals, forests, etc.; access to markets.

**321, 322. Eastern Hemisphere Geography.** Six hours credit. Three class periods a week. Prerequisite: Geography 101. Elective for freshmen and sophomores. These two courses constitute a survey of agricultural, industrial, and trade patterns of the eastern hemisphere, exclusive of the major countries of northern and western Europe.

**331. Climate and Man.** Three hours credit. Three class periods a week. Prerequisite: Geography 101. The purpose of this course is to give general cultural value, but it is especially designated as a practical course for teachers of geography, biology, history, and agriculture. It will deal with the following: climatic plant geography; economic plant geography; world distribution of population; climatic essentials in the geography of the continents and some of the leading countries of the world.

**333. Meteorology.** Three hours credit. Three class periods a week. Elective. This course has been developed to give the student a sound background in meteorological theories and practices. The aim of the course is to present in an elementary manner the basic principle of modern meteorology. This course is decidedly functional, and although not developed specifically for those who expect to become pilots some time is devoted to aeronautical meteorology.

**341. Geography of Alabama.** Three hours credit. Three class periods a week. Elective for juniors and seniors. This course is designed to study the resources of Alabama as they aid in the development of the state and the South. The following resources are studied as they constitute the frame of reference for the course: soil, climate, landforms, water features, minerals and rocks, underground water, coastline and harbors, wild animal life, natural vegetation, space or area, locational values and advantages, and scenic and recreational resources. This will include some emphasis on all southeastern states.

**401. Historical Geography of the United States.** Three hours credit. Three class periods a week. Elective for all seniors. Prerequisite: Geography 101, 102. The purpose of this course is to make a study of the

natural environment which has furnished the setting for the development and growth of the United States to a world power.

**403. Conservation of Natural Resources.** Three hours credit. Three class periods a week. Elective for all seniors. Prerequisite: Geography 401. This course is a study of our natural resources with a view of determining ways of obtaining maximum benefits from them. The national conservation movement receives careful consideration. Alabama's resources and their conservation are emphasized.

### DEPARTMENT OF HISTORY

Mr. Anders, Mr. Gilbert, Mr. Hennes, Miss Millican, Mr. Stevenson,  
Mr. Whatley.

The requirements for a major in history may be met by taking at least thirty hours in the department. History 101, 102, 201, 202, and a minimum of eighteen hours in courses numbered 300 and above are required. In addition to the required hours in history, Political Science 201 and 202 are required of all majors.

The requirements for a minor in history may be met by taking at least twenty-one hours in the department including History 101, 102, 201, 202, and nine hours of courses numbered 300 or above.

**101, 102. World History.** Six hours credit. Three class periods a week. Two semesters. This course includes a survey of civilization from earliest times to the present and some training in the technique of historical research.

**201, 202. American History.** Six hours credit. Three class periods a week. Two semesters. Beginning with the European background, this course deals with the establishment of the thirteen English colonies, separation from the mother country, growth and expansion, participation in world affairs.

**301. History of England to 1689.** Three hours credit. Three class periods a week. The essential purpose of this course will be to acquire an understanding of the formation of the English people and nation, its early legal and constitutional development, the struggle between king and parliament, and the beginnings of overseas expansion down to the Glorious Revolution. This course is recommended especially for pre-law students.

**302. History of Great Britain, 1689 to the present.** Three hours credit. Three class periods a week. This course is a continuation of History 301 and emphasizes the consolidation of the constitutional evolution, the agricultural, social, industrial and political revolutions of the eighteenth and nineteenth centuries and the merging of Great Britain into the Commonwealth of Nations.

**331. The Far East in Modern Times.** Three hours credit. Three class periods a week. Prerequisite: History 101, 102. A study of the Far Eastern countries with special emphasis upon China, Japan, Korea, and India in the modern period; political developments, social, economic, and cultural conditions; international relations in the Far East.

**333. History of Russia (1917 to the Present).** Three hours credit. Three class periods a week. Prerequisite: History 101, 102. Home-coming of the revolutionists, Red October, proletarian dictatorship, Prussian Diktat, Red defense; Lenin, Stalin and the Second Revolution; the shadow of Fascism. The Soviet State, the Five Year plans; the search for security, Nazi-Soviet truce; the Second World War; Russia and the United Nations; Soviet international relations since World War II; Russia and the United States.

**361. Social Studies for the Elementary Teacher.** Two hours credit. Two class periods a week. Required in the elementary curriculum. In this course emphasis is placed on the evaluation of books and other materials for the teaching of social studies in the elementary grades.

**401. The French Revolution and Napoleon. (1660-1815)** Three hours credit. Three class periods a week. Prerequisite: History 101, 102. A study of the Old Regime, the "Benevolent Despots"; The French Revolution and the Napoleonic era; political reaction; the Industrial Revolution; and general European revolts.

**402. Modern European History (1815-1914).** Three hours credit. Three class periods a week. Prerequisite: History 101, 102. This is a study of the background and progress of the First World War.

**403. Modern European History (1914 to Present).** Three hours credit. Three class periods a week. Prerequisite: History 101, 102, and 402 or consent of the instructor. This course deals with the sectional and international problems of Europe between two wars and the genesis and progress of the Second World War.

**Political Science 432. Foreign Relations of the United States.** (May be counted as a course in the Department of History.) For description, see Political Science 432.

**433. American Social and Cultural History to 1865.** Three hours credit. Three class periods a week. Prerequisite: History 201, 202. A study of American society through its literature, religion, philosophy, and arts. Emphasis will be upon immigration strains, European cultural transfer, and environmental adaptations which have gone to form the American character. Wide opportunities for reading will be offered in religion, philosophy, literature, and the arts.

**434. American Social and Cultural History since 1865.** Three hours credit. Three class periods a week. Prerequisite: History 201, 202 and 433 or consent of instructor. A continuation of History 433, this course will evaluate shifting immigration origins. Concentrated study will be given to the changing thought patterns which have resulted from Darwinism, the rise of Big Business, theories of the public interest, Pragmatism, and the emergence of the United States as a world power.

**441. The South Before 1860.** Three hours credit. Three class periods a week. Prerequisite: History 201, 202. This course deals with the colonization and the economic, political, social, and cultural development of the Old South and its part in building the nation.



**442. The South Since 1860.** Three hours credit. Three class periods a week. Prerequisite: History 201, 202, and 441 or consent of the instructor. This course deals with the issues which led to secession; the War Between the States; the economic, political, and social results; recent tendencies and developments.

**443. Recent American History Since 1913.** Three hours credit. Three class periods a week. Prerequisite: History 201, 202. This is an intensive study of the transformation of the United States into a world power, and of the underlying causes in our social, economic, intellectual, and political life that made the transformation possible.

**444. History of Alabama.** Three hours credit. Three class periods a week. Prerequisite: History 201, 202. This course consists of a study of Alabama from the era of settlement to the present time. Attention will be given to slavery with its social, economic, and political implications; secession and war; the aftermath; rise of industry; education and literature; politics and recent tendencies.

**448. The Westward Movement in American History.** Three hours credit. Three class periods a week. Prerequisite: History 201, 202. Significance of the frontier in American History; colonization of successive geographic areas; the West in relation to tariff, public lands, currency and banking; and crises resulting from expansion.

**451. History of Early America to 1789.** Three hours credit. Three class periods a week. A reading, research, and discussion course for students particularly interested in Early American History. The course will deal with the European background, discovery, exploration and settlement, the Inter-Colonial Wars, the development of the clash between the colonies and the mother country, the American Revolution, the political, social, and economic development from the Declaration of Independence to the inauguration of George Washington.

**452. The Middle Period of United States History, 1787-1860.** Three hours credit. Three class periods a week. This course constitutes a study of the American Republic from its formative years during and immediately following the Constitutional Convention until its temporary disruption during the Civil War. The approach is regional, and the Northeast, the South, and the expanding West are examined especially as they were influenced by the contemporaneous but conflicting developments of nationalism and sectionalism. Wide opportunities will be offered for reading and individual study.

**454. The Beginnings of Modern America, 1877-1914.** Three hours credit. Three class periods a week. A description and evaluation of the shift of the United States from an agrarian to an industrial nation; the heritage of Civil War and Reconstruction; the rise of the Great Moguls; mass production and technological change; the rise of the labor union movement and organized farm protests; the Spanish-American War; and American involvement in World War I.

**Current History.** Two hours credit. Two class periods a week. Two hours credit will be permitted on the major in history. A maximum of two additional hours may be taken as general elective.

### DEPARTMENT OF POLITICAL SCIENCE

Mr. VanKeuren

The requirements for a minor in political science may be met by taking 18 semester hours in the department including Political Science 201-2, prerequisite for advanced courses.

The student desiring to minor in political science should consult his faculty adviser concerning selection of courses and the relation of the major and minor fields.

**201-2. Government of the United States.** Six hours credit. Three class periods a week. Two semesters. Prerequisite: History 201-2 or consent of instructor.

Introduction to political theory, forms and functions of government. Evolution of the federal system; national, state, and local government institutions in the United States. A continuous course running through the regular school year. This course is a prerequisite for advanced courses in political science. Open to freshmen with consent of instructor.

**Economics 253. Public Finance.** Two hours credit. Two class periods a week. See Department of Economics for description.

**341. History of Political Thought.** Three hours credit. Three class periods a week. Prerequisite: Political Science 201-202. A survey of the theories of state from Ancient Greece to the present.

**342. Political Parties.** Three hours credit. Three class periods a week. Prerequisite: Political Science 201-2, History 201-2 or consent of instructor. A historical study of the composition, organization and function of political parties in the United States on the national, state and local levels.

**343. Constitutional Law.** Three hours credit. Three class periods a week. Prerequisite: Political Science 201-2, History 201-2 or consent of instructor. The fundamental principles of the constitution of the United States and its development. Textbook and case method.

**381. County Government and Administration.** Two hours credit. Two class periods a week. Prerequisite: Political Science 201-2. Study of the development of local government in rural America. Recent trends in centralization of administration.

**382. City Government and Administration.** Two hours credit. Two class periods a week. Prerequisite: Political Science 201-2. A study of the development of urban government and administration, present trends and problems. Implications of technology and the atomic age.

**383. Government of Alabama.** Two hours credit. Two class periods a week. Prerequisite: Political Science 201-2. A study of the structure of

Alabama Government and the development of state public administration and a comparison with similar institutions and problems in other states. Development of local government institutions and practice in Alabama.

**431. International Law and Relations.** Three hours credit. Three class periods a week. Prerequisite: Political Science 201-2 or consent of instructor. A study of the essential principles and practices of international law and organization.

**432. Foreign Relations of United States.** Three hours credit. Three class periods a week. Prerequisite: Political Science 201-2, History 201-2 or consent of instructor. American foreign policy in peace and war. A history of the relations of the United States with Europe, the Western Hemisphere, and the Far East.

**433. Comparative Government.** Three hours credit. Three periods a week. Prerequisite: Political Science 201-2. A comparative study of the governments and politics of the members of the British Commonwealth of Nations, France, Germany, Switzerland, Russia, Italy and others.

**481. Public Administration.** Three hours credit. Three class periods a week. Prerequisite: Political Science 201-2. A study of the meaning and scope of administrative law and organization and its function in the national, state, and local government of the U. S.

**Business 483. Business Law.** Three hours credit. Three class periods a week. See Department of Business Education.

## DEPARTMENT OF SOCIOLOGY

Mr. Lovrich, Mr. Spakovsky

The requirements for a minor in sociology may be met by taking 18 semester hours in the department, including Sociology 221-2, prerequisites for most of the advanced courses.

**221-222. Principles of Sociology.** Three hours credit for each semester. Three class periods a week. A study of the fundamental findings of scientific research into the origins and nature of patterns of culture and how and where the individual fits into these various patterns of social organization, involving general principles and concepts, institutions, personality, social change and disorganization. The first semester deals with general principles and understanding, the second semester deals with the social organization, and the major aspects of the institution—the family. Prerequisite for all other sociology courses except 321, or 442 in case of psychology students.

**321. Rural Sociology.** Two hours credit. Two class periods a week. No course prerequisites. A study of rural cultural patterns, organization, attitudes, special problems. Recommended for students who are preparing for such occupations in rural areas as the ministry, teaching, social work.

**322. Social Pathology.** Three hours credit. Three class periods a week. Prerequisite: Sociology 221-2. An analysis of personal and social maladjust-

ments, involving disorganization and suggestions for reorganization. A short research paper or project is required.

**423. Criminology.** Three hours credit. Three class periods a week. Prerequisite: Sociology 221-2 or Psychology 201. An over-all study of the criminological theories, and treatment of criminal behavior. A short research paper or project is required.

**422. Social Control.** Three hours credit. Three class periods a week. Prerequisite: Sociology 221-2. A study of the means, methods, agencies, and processes of control in human groups.

**423. Sociological Theory.** Three hours credit. Three class periods a week. Prerequisite: Sociology 221-2. A survey of major social thought from ancient to modern times, the development of sociology as a field, including various theories of society.

**424. Marriage and the Family.** Three hours credit. Three class periods a week. Prerequisite: Sociology 221-2. The family as a part of our social fabric: origins, development, and variations as an institution; problems of organization, disorganization, and reorganization in a dynamic society, involving social factors which affect marital relations and happiness. A short research paper or project is required.

**426. Social Security.** Two hours credit. Two class periods a week. Prerequisite: Sociology 221-2. A survey of the social forces leading to the enactment and amendment of the social security legislation in this country with a brief resume of similar developments in other countries.

**DEPARTMENT OF MILITARY SCIENCE AND TACTICS**

|                 |   |
|-----------------|---|
| PMS&T           | Lt. Colonel D. J. Coleman, Jr.              |
| Assistant PMS&T | Major William N. Brown                      |
| Assistant PMS&T | Captain Lloyd R. Cain                       |
| Assistant PMS&T | Captain Gordon C. Conklin                   |
| Assistants      | Master Sergeant Hugh A. Simpson             |
|                 | Master Sergeant Nathan P. Thompson          |
|                 | Sergeant First Class Cager Nelson           |
|                 | Sergeant First Class Robert J. Stephenson   |
|                 | Specialist Second Class Edward F. Hochecker |

The Senior ROTC Program is offered at this institution. The instruction in Military Science and Tactics consists of two courses of instruction, the Basic Course and the Advanced Course. The Military Department is maintained under Federal Law and Acts of Congress. Under these laws, a unit of Branch General has been organized under the supervision of the Department of the Army.

An Officer of the Regular Army is detailed as professor of military science and tactics. By appointment of the college authorities he is commandant of the ROTC students. He is assisted by commissioned officers and non-commissioned officers detailed from the Army.

**BASIC COURSE**

Instruction in Military Science and Tactics by enrollment in the Basic ROTC is required by the President of the College of all able-bodied male students (freshmen and sophomores not yet 25 years of age). Transfer students are required to enroll in the Basic Course and pursue the basic program as many semesters as they are in residence at the College until they reach junior academic status. Students entering the College at the junior or senior academic level are exempted from the college requirements of enrollment in the ROTC. Successful completion of the Basic Course is a prerequisite for graduation. Those who defer or fail any part of their Basic ROTC training will be required to complete this training prior to graduation from the College.

**101, 2. Military Science I (1st Year Basic).** One hour credit each semester. Three periods a week. This course is designed to give the student subjects of a basic nature.

**201, 2. Military Science II (2nd Year Basic).** One hour credit each semester. Three periods a week. This course is designed to give the student training as a member of a team.

**ADVANCED COURSE**

Students successfully completing the Basic Course, or who have credit in lieu thereof, are eligible to apply for enrollment in the Advanced Course if they meet the academic and military requirements. The professor of military science and tactics may disapprove applications for the Advanced Course if in his opinion the student does not possess outstanding

qualities of leadership and command, or whose academic grades indicate the student may not develop into an efficient officer, or where the student apparently does not possess aptitude for the military service.

When a student contracts with the Government to pursue the Advanced Course, he is required to continue that course, subject to approval of the PMS&T, as long as he is a student at any institution having an ROTC unit of the same branch in which he originally enrolled. A student cannot resign from the Advanced Course unless approval is granted by the Department of the Army. A student may be discharged for the convenience of the Government at any time. Upon graduation from the Advanced Course, the student must agree to accept an appointment, if tendered, as a second lieutenant in the Officers' Reserve Corps. A student who fails to fulfill his contract forfeits his right to a degree.

**301, 2. Military Science III (1st Year Advanced).** Three hours credit each semester. Six periods a week, and a Summer Camp of six weeks duration. This course is designed to acquaint the student with the fundamental tactics and technique of small units. Prerequisite: Military Science I and II, or their equivalents.

**401, 2. Military Science IV (2nd Year Advanced).** Three hours credit each semester. Six periods a week. This course is designed as a continuation of Military Science III with additional instruction given on administrative duties of junior officers, military law, staff and command, and combat intelligence. Prerequisite: Military Science III.

#### Previous Military Service

Students who have had previous military training or service will receive such credit toward advanced standing in the ROTC as the professor of military science and tactics and the head of the institution may jointly determine within the following limits:

1. For previous honorable active service in the Army, Navy, Marine Corps, or Coast Guard in World War II.
  - a. 12 months or more, credit not to exceed the entire Basic Course.
  - b. 6 months or more, credit not to exceed the first year of the Basic Course.
  - c. Less than six months, no credit.
2. For previous training at the United States Military Academy, the United States Naval Academy, the United States Coast Guard Academy, the Naval Reserve Officers' Training Corps, or in the Army Specialized Training Program, equivalent credit not to exceed the entire Basic Course of the Senior Division, ROTC.
3. For previous training in the ROTC, students who:
  - a. Have completed any portion of the Basic Course of the Senior Division, ROTC, should apply at the Military Office to determine the amount of credit due them for such work.
  - b. Have been granted equivalent credit in the Basic Course of the Senior Division, ROTC, not to exceed one third of the number of terms or semesters of the Junior Division, ROTC, successfully completed.

- c. Fall into categories not covered above, should report to the Military Office to clarify their status.

### QUALIFICATIONS FOR ADVANCED COURSE

To be eligible for entrance into the Advanced Course the student must:

1. Be a citizen of the United States.
2. Successfully pass the prescribed physical examination.
3. Successfully complete such survey and general screening tests as may be presented.
4. Not have reached 27 years of age at the time of initial enrollment in the advanced course.
5. Have at least two academic years to complete for graduation.
6. Be selected by the professor of Military Science and Tactics and the head of the institution.
7. Execute a written agreement with the Government to complete the two-year Advanced Course and to attend one Summer Camp (six weeks duration) preferably at the end of the first year of the Advanced Course.
8. Sign, prior to enrollment in the Advanced Course, an agreement to serve as a second lieutenant on active duty, upon graduation from college, for a period of two (2) years or less, if called by the Secretary of the Army. Students (veterans) who have active service in the Armed Services do not have to sign this agreement.
9. Have completed appropriate Basic Training (2 years Basic ROTC), or have equivalent credit in lieu thereof.

Advanced Course students receive a monetary allowance of about ninety cents a day (approximately \$27.00 per month) not to exceed 595 days for the entire two-year course.

When attending the six weeks summer camp the students are paid \$82.30 per month and five cents a mile to and from camp. Uniforms, quarters and rations are furnished by the Government during the camp period.

Any emoluments paid the student while he is enrolled in the Advanced Course are in addition to any benefits he may receive under the G.I. Bill of Rights.

### UNIFORMS AND EQUIPMENT

All students are required to deposit the sum of ten (10) dollars with the Bursar of the College, prior to enrollment in the ROTC. They are then furnished a uniform in good condition and other necessary supplies through the ROTC Supply Office. Upon completion of the ROTC course of instruction, or upon withdrawal of the student therefrom, the uniform and other supplies are turned in and the deposit returned to the student, less seventy-five (75) cents per semester withheld by the Treasurer of the College to cover the cost in cleaning and repair of uniforms, and purchase of instructional materials.

### **DISTINGUISHED MILITARY STUDENTS AND DISTINGUISHED MILITARY GRADUATES**

1. The professor of Military Science and Tactics may designate as Distinguished Military Students, persons who:
  - a. Possess outstanding qualities of military leadership, high moral character, and definite aptitude for military service.
  - b. Have distinguished themselves either academically or by demonstrated leadership through their accomplishments while participating in recognized campus activities.
  - c. Are scheduled to complete the Advanced Course, Senior Division, ROTC, within one school year, and whose current standing in military subjects is among the upper third of his ROTC class.

Persons selected as distinguished military students may make application for a direct commission in the Regular Army upon graduation from college.

2. The professor of Military Science and Tactics may designate as Distinguished Military Graduates, persons who:
  - a. Are distinguished Military Students.
  - b. Have completed the Advanced Course, Senior Division, ROTC.
  - c. Have been graduated from college with a baccalaureate degree.
  - d. Have maintained the high standards necessary since designation as a Distinguished Military Student and the date of graduation from college.

### **COMPETITIVE COMMISSION IN THE REGULAR ARMY**

Officers on active duty are permitted to apply for a commission in the Regular Army. Applicants who demonstrated the greatest efficiency and aptitude during an eighteen months' period of active duty are offered Regular Army commissions.

### **SELECTIVE SERVICE EXEMPTIONS**

Enrollees in the ROTC will be deferred under the provisions of the Universal Military Training and Service Act of 1951 (Plan 51, 32d Congress) as follows:

1. Basic course students who have successfully completed one year of ROTC, and who maintain adequate academic and military standards.
2. Advance course students who agree to accept commissions upon completion of the Advanced Course, and who maintain adequate academic and military standards.
3. Individuals with the highest demonstrated aptitude will receive priority of deferments.



4. Basic and Advanced students are required to sign Deferment Agreements outlined by the Universal Military Training and Service Act of 1951.

The Military Department will notify the local Selective Service Board of this deferred status. Students dropped from ROTC or not in good standing in the college will no longer be deferred.

#### BRANCH IN WHICH COMMISSIONED

Upon completion of the four-year course and receipt of a degree from the college, the student is commissioned in an arm or service as determined by a board of college instructors and military staff members who consider the following factors:

1. Desires of the student.
2. Appropriate college training completed.
3. Aptitude as demonstrated in ROTC subjects.
4. Spaces made available by the Department of the Army.



## GRADUATE DIVISION

## Graduate Faculty:

Theron E. Montgomery, Reuben Self, Loy W. Allison, James Anders, Paul J. Arnold, LeRoy Brown, William J. Calvert, Jr., B. Bernard Cohen, Walter Mason, Henry Bascom Mock, C. Frank Newell, Greene Y. Taylor, Edwin Van Keuren.

## Graduate Council:

Theron E. Montgomery Chairman; Reuben Self, Director of the Division; Loy W. Allison, James Anders, Paul J. Arnold, William J. Calvert, Jr., Walter Mason, Henry Bascom Mock, Greene Y. Taylor.

The college through its graduate division offers programs in Elementary and Secondary Education, and Public Administration and Supervision, leading to a degree of Master of Science in education.

In order to serve teachers now employed, the offerings are being given in an arrangement of three summers and with some work on Saturdays or in evening classes during the regular year. A full program of studies will be offered each summer session.

Details about fees, courses, residence, admission, and other requirements are outlined herein. Course listings in this bulletin are not complete, but other courses will be offered as needed.

Any questions concerning the graduate program may be directed to the Office of the Dean or to the Head of the Division.

**Purpose:** To provide additional training for members of the profession in the area served by Jacksonville State College, and in order to improve the instruction, supervision and administration in the public schools of Alabama. The program is designed to train teachers, supervisors and administrators for the elementary and secondary schools.

**Administration:** The Graduate Program is under the general supervision of the Graduate Council. The Graduate Council is composed of appropriate representation of the departments offering graduate work.

The Head of the Graduate Division will coordinate the work of the Graduate Council and administer its directives.

## GRADUATE ADVISEMENT

**Advisers:** The Head of the Graduate Division will assign to students, upon admission to the graduate program, two graduate advisers, one from the area of professional education, and one from a subject area. The duties of advisers will be to assist students in the following matters: (1) in planning the student's program of studies; (2) in becoming conversant with the policies and requirements of the graduate program; (3) in the adjustment of personal problems which might affect the student's success in graduate work; (4) in planning and preparing research papers; (5) in presenting the credentials of the student to the Graduate Council for final approval of the degree; and (6) in arranging with the Graduate

Council such other matters as will contribute to the success of the student's program.

**Advisement Procedure:** The Head of the Graduate Division will plan procedures for the guidance of students in all phases of their programs. At the time of initial registration and during periods of residence the advisers will assist students in executing Advisement Form 1, the tentative program of studies. When courses have been completed by the student, Advisement Form 1 will be appropriately checked. Other Advisement forms will be prepared in relation to required documents, admission to candidacy, credentials for the degree, and other essential factors.

### ADMISSION TO GRADUATE STUDY

A. Required information must be filed by applicants with the Director of Admissions by April 15 of the year in which they plan to enter.

B. 1. An applicant who possesses a Bachelor's degree from an accredited and recognized college regarded as standard with this institution and who has professional qualifications similar to those required for an Alabama Class "B" Professional Certificate may be admitted unconditionally provided the Graduate Council considers his undergraduate work to be of such nature as to indicate competency for graduate work. (An applicant must have a minimum of a 1.5 grade point average on all undergraduate work attempted).

2. The Graduate Council may approve a qualified senior to do graduate work while completing his undergraduate degree provided he meets all other requirements for admission to graduate school and his load does not exceed a normal graduate load.

C. A student who has earned at least 12 semester hours of graduate credit in residence at Jacksonville State College with an average of "B" or better and has on file an approved paper representing independent study and research may make application for admission to candidacy. At this time the Graduate Council will approve or disapprove a detailed program of study presented by the student's advisory committee.

### REQUIREMENTS FOR THE MASTER'S DEGREE

**Alternate Plans.** Two plans, Plan I and Plan II, are available for meeting the requirements of the Master's degree.

1. Candidates for the Master's degree under Plan I are required to earn a minimum of twenty-four semester hours credit in addition to the completion of a thesis. An additional six hours of credit will be allowed for the completion of a satisfactory thesis and seminar work in connection therewith.

2. Candidates for the Master's degree under Plan II are required to earn at least thirty semester hours in approved courses.

**Residence.** The minimum residence requirement consists of at

least one academic year of thirty-six weeks or its equivalent in summer terms.

**Transfer of Credit.** A maximum of six semester hours of graduate credit may be transferred from an accredited institution after the student has been admitted to candidacy. Transferred credit must conform with the student's approved program and does not reduce the residence requirement, and must meet the time limits set forth below.

**Student Load.** The maximum course load for a graduate student is sixteen semester hours during a regular semester and eight semester hours during a summer session of nine week.

**Graduate Courses.** All students who are awarded the Master's degree must complete a minimum approved program of thirty semester hours in courses numbered 400G or 500. At least one-half of the hours must be in courses numbered 500, which are open only to graduate students.

**Scholastic Average.** A graduate student must maintain an over-all average of not less than "B" in graduate courses undertaken and in his fields of specialization.

**Research Efficiency.** Two papers representing independent work and research must be approved by the student's advisers and filed with the Graduate Council. The approval and acceptance of one of these papers is a prerequisite to admission to candidacy.

**Examination.** A comprehensive examination, either oral, written, or oral and written will be required of all candidates.

**Time Limit.** Under normal conditions, credit earned six calendar years prior to the completion of all requirements for the Master's degree will not be counted toward the Master's degree.

### MATRICULATION FEE

A fee of \$75 for the entire summer session, payable at the time of registration, will be charged for enrollment in the Graduate Division regardless of the number of semester hours taken. The payment of this fee entitles the student to library services, admission to classes, and to most student activities. The fee does not cover any special costs involved in printing or binding a thesis.

Graduate courses which will be offered in the later afternoons or evenings and on Saturdays during the fall and spring semesters will be at the rate of \$10 per course credit hour.

### NON-RESIDENT FEE

A non-resident fee of \$15 per summer session will be charged each registrant in the Graduate Division who does not reside in Alabama. This is the rate prevailing for undergraduate out-of-state students.

## GRADUATE PROGRAM

## Description of Courses

## EDUCATION

## Tests and Measurements

**Education 501.** A study of the nature of measurement and evaluation in education with emphasis given to the construction of tests in school subjects. Consideration is given to the selection, administration, and interpretation of standardized tests in the school program. This course is required of all graduate students. 3 S. H.

## Problems in Child Development

**Education 502.** The purposes of this course are to review and extend the more important theories and principles of child growth and development and to provide an opportunity for the students to make an intensive study of specific problems relating to the growth and development of children. 2 S. H.

## Guidance

**Education 503.** This introductory course in guidance is planned to assist the student in becoming conversant with the over-all concept of guidance in modern education and the role of the teacher in the guidance program. Particular areas of understanding or competency will include the following: guidance philosophy, guidance services, the organization and administration of guidance, and the role of the homeroom and the homeroom teacher. 2 S. H.

## Mental Hygiene

**Education 504.** A study of the psychological principles, concepts, and mechanisms, which determine the adequacy or inadequacy of the individual's adjustments to this basic needs and problems of individual or social living. 2. S. H.

## Adolescent Psychology

**Education 505.** The purpose of this course is to critically examine theories of adolescence as a stage of personality development. The major problems of adolescence are noted and analyzed in relation to body changes, social position and the evolving self-structure of the adolescent. 2 S. H.

## Curriculum Development

**Education 511.** The purpose of this course is to gain understandings of the principles, techniques, trends and innovations which have emerged in the field of curriculum construction and revision. The students will acquire competency in the employment of techniques and practices to improve instruction, such as core curriculum, culture epochs, correlation of subject matter, and unit construction. 3 S. H.

## Principles of Supervision

**Education 512.** The purpose of this course is to acquaint the stu-

dent with the nature and function of supervision in modern education and to develop in the students the competencies which are essential to effective education leadership. Specifically the course will deal with such topics as: (1) the organization of modern supervision; (2) the evaluation of the educational program; (3) the improvement of the educational program; and (4) the evaluation of the supervisory program. 3 S. H.

#### Elementary School Supervision

Education 513. A study of the duties of the supervisor in the development of improved programs of instruction in the elementary school. Emphasis will be given to the application of principles and techniques used in child study, curriculum development, facilitating teacher growth, use of community resources and interpretation of the elementary school program to the community. 3 S. H.

#### Elementary School Curriculum Construction

Education 516. This course is designed as a production course in the construction of an elementary curriculum from grade one through grade six. (Prerequisite—Curriculum Development) 3 S. H.

#### School Law

Education 521. This course involves a study of school law as it affects the administration, policies and practices in education. The practical needs of educators are stressed. Recent court decisions are studied to discover trends that affect the work of school board, administrators, and teachers. 2 S. H.

#### Principles and Techniques in Educational Administration

Education 523. This course is designed for administrators and those who aspire to become administrators. Understanding and competency are sought in the following areas: (1) fundamentals of organization and administration of public education; (2) financial support; (3) personnel problems; (4) public and professional relations; (5) fiscal administration; and (6) plant management. 3 S. H.

#### Administration of the Twelve-Grade School

Education 524. This course is especially designed for principals of elementary schools, junior high schools, senior high schools, and any combination of these. Special emphasis is given to the role of the principal of the twelve-grade school. The course is concerned with the acquiring of the understanding and competency essential to educational leadership. Principal topics to be dealt with are: (1) the role for the principal; (2) personnel problems of the school staff; (3) administering the educational program; (4) problems of pupil adjustment; and (5) problems of administering the school plant and facilities. 3 S. H.

#### Personnel and Public Relations Problems

Education 525. Cooperative education planning is a necessity in promoting the public relations that are essential in operating a modern school system. Effective cooperation of educators and laymen has proved its value in financial planning, in curriculum development, and in

many other areas of school management. This course should be equally beneficial to elementary and secondary personnel. 2 S. H.

#### School Business Administration

Education 526. This course includes a study of practices, procedures, and problems in areas such as office management, school supply management, maintenance of the school plant, property accounting, insurance, lunchroom and textbooks. 3 S. H.

#### School Finance

Education 527. Principles, practices and common problems in financial and business administration of public education are studied. Topics include financing and public education, fiscal control and budgetary procedures, accounting for school funds, management of supplies and equipment, care of school property, office administration and others. 3 S. H.

#### School Plant Management

Education 528. This course is designed to assist educators who wish to utilize school buildings more efficiently and to assist in planning school buildings. The specific responsibilities of administrators and other school personnel are studied. Emphasis to be placed particularly on problems and practices confronted in the field. 2 S. H.

#### School Transportation

Education 529. The most commonly recurring problems in school bus operation will receive attention. These problems will include costs and economy, personnel problems, safety, and general efficiency of the service. 2 S. H.

#### Philosophy of Education

Education 531. In this course the leading philosophies which are influencing education are studied. The study of these philosophies involves an examination of their assumptions, methodologies, conclusions and implications. Especial attention is given to the problem of values— aesthetic, economic, moral, political, religious and social. This course is required of all graduate students. 3 S. H.

#### Educational Sociology

Education 532. The course explores the basic principles of sociology with their educational implications. Topics covered include the development of human nature, the influence of school upon the personality of the child, the integration of education with the life and institutions of society, and education as a basic social process. 3 S. H.

#### Improvement in Teaching of Arithmetic

Education 541. An advanced course in materials and teaching procedures for the improvement of learning in arithmetic. Emphasis is given to teaching procedures and research findings that are directed towards helping children develop arithmetical understandings and skills. 3 S. H.

**Improvement in Teaching of Reading**

**Education 542.** An advanced course in the teaching of reading with emphasis given to research concerning teaching methods. Consideration is given to the diagnosis of reading difficulties and the selection of effective methods and materials for remedial instruction 3 S. H.

**Social Studies in the Elementary School**

**Education 543.** An advanced course in materials and methods of teaching social studies in the elementary school. Emphasis is given to the development, direction, and appraisal of social experience units. Consideration is given to the place of the social studies program in the elementary school program. 3 S. H.

**Science in the Elementary School**

**Education 544.** A study of the problems in the development of a science program in the elementary school. Emphasis is given to the development of aims; the planning of experiences to accomplish these aims; the methods of appraising the results of science experiences; and knowledge of the sources and types of materials that might be used in the science program. 3 S. H.

**Language Arts Program in the Elementary School**

**Education 545.** A study of the total language arts program from grade one through six. Included in this course is a study of objectives, materials, methods of teaching, and an evaluation of oral and written expression, spelling, and writing. 3 S. H.

**Advanced Observation and Participation**

**Education 546.** This course includes an analytical study of teaching and learning in the elementary school program based upon observation of the elementary school program at the laboratory school. Students will also participate in certain phases of the program under the guidance of the staff. 3 S. H.

**ENGLISH****Principles of Literary Criticism**

**English 452-G.** The purpose of this course is to assist the student in developing taste and discrimination in his reading, through a study of the most important literary forms and a critical examination of representative masterpieces. 2 S. H.

**Contemporary American Literature**

**English 553.** Three class periods a week. The student will study twentieth century American authors selected to represent the rapid and rich cultural growth of the United States. The major areas of literary expression will be covered, e g., poetry, the novel, drama, and possible criticism. 3 S. H.

**Contemporary European Literature**

**English 554.** The course offers a study of European literature, both British and Continental, since the early Twentieth Century, with



major emphasis on the leading figures, such as James Joyce, W. B. Yeats, G. B. Shaw, Marcel Proust, and Franz Kafka, who has served to germinate and direct the course of contemporary literature. 3 S. H.

#### The Literature of the South

**English 555.** A study of the literature and culture of the South, from the settlement at Jamestown until the present time. Some attention will be given to the political writings of Jefferson, Madison, and Calhoun and to such nineteenth century men of letters as Poe, Lanier, and Harris. Emphasis will be placed, however, on the modern renaissance of Southern literature beginning in 1922 with the Fugitives, Ransom, Davidson, Warren, and Tate. Special attention will be given to the art of William Faulkner. 2 S. H.

#### Victorian Literature

**English 556.** This course involves a study of the Victorian age, its poetry, prose fiction, essays critical and otherwise, and the wealth of polemic and critical writing induced by the industrial revolution and the consequent changes and problems. Such major figures as Tennyson, Browning, Arnold, Thackeray, Dickens, Eliot, Carlyle, Ruskin, Newman, and Macaulay may be considered, or a smaller number of writers through which may be taught the leading concerns and inspirations of the period. 3 S. H.

#### Studies in Elizabethan Literature

**English 557.** A study of the literature of the late sixteenth century and the early seventeenth century, with emphasis on such major figures as Marlowe, Spenser, Shakespeare, Jonson, and Webster. Some attention will be given to the Elizabethan lyric and to the various prose translations of the period, including the Authorized Version of the Bible. Extensive parallel reading of Shakespeare and perhaps other dramatists will be required. 2 S. H.

#### Eighteenth Century Literature

**English 501.** A study of English prose and poetry from the Restoration to the end of the Eighteenth Century. Emphasis is placed on prose, with particular attention given to Swift, Defoe, Addison, Boswell, and Dr. Johnson. In poetry, the main concern is with the perfection of English neo-classicism as reflected in Dryden and Pope and with the new trends subsequently introduced by Thompson, Collins, and Gray. In prose, particular attention is called to the development of the essay and the novel. At least one novel will be required as outside reading. 3 S. H.

#### Studies in Nineteenth Century American Literature

**English 502.** In this course carefully selected authors will be studied (to be changed whenever the course is repeated.) The student will analyze a major portion of the work of each author from the standpoint of his literary theory, basic philosophy, and artistic expression. Each will be related to his milieu, and comparisons between authors will be made. 3 S. H.

### Studies in the Essay

**English 503.** The matter of the course is taken from the great essayists of Europe, especially of England, who follow in the line of Montaigne. Such essayists as Montaigne, Bacon, Addison and Steel, Lamb, Hazlitt, Arnold, and Emerson or a representative selection from these treated more exhaustively, will be considered. 2 S. H.

## HISTORY

### History of Early America to 1789

**History 451-G.** A reading, research, and discussion course for students particularly interested in Early American History. The course will deal with the European background, discovery, exploration and settlement, the Inter-Colonial Wars, the development of the clash between the colonies and the mother country, the American Revolution, the political, social, and economic development from the Declaration of Independence to the inauguration of George Washington. 3 S. H.

### The Middle Period of United States History, 1787-1860

**History 452-G.** This course constitutes a study of the American Republic from its formative years during and immediately following the Constitutional Convention until its temporary disruption during the Civil War. The approach is regional, and the Northeast, the South, and the expanding West are examined especially as they were influenced by the contemporaneous but conflicting developments of nationalism and sectionalism. Wide opportunities will be offered for reading and individual study. 3 S. H.

### The Beginnings of Modern America, 1877-1914

**History 454-G.** A description and evaluation of the shift of the United States from an agrarian to an industrial nation; the heritage of Civil War and Reconstruction; the rise of the Great Moguls; mass production and technological change; the rise of the labor union movement and organized farm protests; the Spanish-American War; and American involvement in World War. I. 3 S. H.

### The Historical Method

**History 501.** A seminar study designed especially for teachers of history and the social sciences, this course will emphasize techniques for accumulating and assimilating historical information—gathering evidence, rules of evaluation, and the writing of history. Some attention also will be given to historiography with special emphasis on American writers. Extensive library work will be expected. 3 S. H.

### Civil War and Reconstruction, 1860-1877

**History 553.** An analysis of the courses of the Civil War and the political, social, economic and military aspects of its conduct. An examination of the various interpretations of the Reconstruction Period, regional and national. 3 S. H.

**Recent American History, 1914 to the Present**

**History 555.** American involvement in World War I; the Versailles settlement and American rejection of the League of Nations; Roosevelt and the New Deal; American involvement in World War II; War's aftermath. 3 S. H.

**ECONOMICS****Corporation and Industrial Finance**

**Economics 493-G.** Topics treated include principles and problems in the financial organization of corporations, advantages and disadvantages of corporations, legal position, internal financial management, marketing of securities, distribution of earnings, expansion, reorganization, and liquidation. 3 S. H.

**POLITICAL SCIENCE****Comparative Government**

**Political Science 433-G.** A comparative study of the governments and politics of the members of the British Commonwealth, France, German, Switzerland, Russia, Italy and others. 3 S. H.

**SCIENCE****Natural Science**

**Science 452-G.** This course is designed to give the high school teacher some knowledge of astronomy, earth science, methods and sources of materials used in secondary school science. It will consist of seven or eight weeks of astronomy, seven or eight weeks of earth science, and two or three weeks of materials and methods of secondary science. The order in which the astronomy and earth science are given will be determined by the seasonal conditions at the beginning of the semester in which it is offered. 4 S. H.

**SOCIOLOGY****Sociological Theory**

**Sociology 423-G.** A survey of major social thought from ancient to modern times, the development of sociology as a field, including various theories of society. 3 S. H.

## DEGREES AWARDED

MAY 25, 1956

## BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

|                         |              |                          |              |
|-------------------------|--------------|--------------------------|--------------|
| Mary Perkins Bacon      | Anniston     | Lucille C. Hollingsworth |              |
| Lillian Ridgway Bevell  | Guntersville |                          | Jacksonville |
| Darel Q. Blackwell      | Fyffe        | Neva Minor Huddleston    | Dadeville    |
| Norma M. Boozer         | Jacksonville | Frances Sutton Johnson   | Grant        |
| Pauline Bryant          | Scottsboro   | Joyce A. Lee             | Jacksonville |
| Annie Ruth Cain         | Anniston     | Lois S. Maxwell          | Jacksonville |
| Faye Kidd Cox           | Jacksonville | Harry Norrell            | Fort Payne   |
| Lonnie F. Daniel        | Riverview    | Otilla Rogers Rhodes     | Jacksonville |
| Travis Buford Edmondson |              | Martha Jean Terrell      | Albertville  |
|                         | Jacksonville | Juanita Ellis Turley     | Cleveland    |
| Alice Clark Egle        | Lineville    | Ruth W. Waddell          | Fyffe        |
| Annie B. Gladden        | Flat Creek   | Eileen Machen Wallace    | Jacksonville |
| Elzadie Smith Handley   | Flat Creek   | Albert Waymon Wester     | Leesburg     |
| Lettie Jean Harris      | Titus        | Charles H. Worthey       | Weaver       |
|                         |              | Jeanette Weathers Wright | Wedowee      |

## BACHELOR OF SCIENCE IN SECONDARY EDUCATION

|                           |              |                                 |                 |
|---------------------------|--------------|---------------------------------|-----------------|
| Roy J. Bailey             | Trussville   | Frances Kerr Hanson             | Wedowee         |
| George Brewer Beasley     | Gadsden      | Gene Hanson                     | Wedowee         |
| Martha Louise Blackmon    | Anniston     | Peggy Jean Henley               | Talladega       |
| Herston P. Bonner         | Gadsden      | Charles Austin Hodge            | Rock Mills      |
| Llewellyn Bradley         | Hayden       | Lamar W. Howell                 | Anniston        |
| Kenneth L. Brown          | Fort Payne   | William B. Howell               | Piedmont        |
| Martha Sue Roberson Brown |              | William D. Huddleston           | Lanett          |
|                           | Jacksonville | Marion Horace Jones             | Anniston        |
| J. Donald Bulger          | Sylacauga    | John R. Kirkpatrick             | Jacksonville    |
| Pat M. Bulger             | Sylacauga    | Martha Jane Logan               | Gadsden         |
| Martha Knowles Bullock    |              | Dozer Grady Loosier, Jr.        |                 |
|                           | East Gadsden |                                 | West Point, Ga. |
| Nancy Jean Burroughs      | Gadsden      | Harris Edward Love              | Jacksonville    |
| John Edward Butler        | Woodville    | James Dowell McDaniel           |                 |
| Gail Delores Case         | Birmingham   |                                 | East Gadsden    |
| Shirley Elisse Childress  |              | Johnny Rodin Mackey             | Gadsden         |
|                           | Birmingham   | Walter Webster Medlock          | Boaz            |
| Stossel S. Cole           | Dadeville    | Charles F. Miller               | Anniston        |
| Martha Joyce Collins      | Talladega    | Lonnie Jackson Mitchell, Jr.    |                 |
| Betty Pearl Cryar         | Albertville  |                                 | Anniston        |
| Edward D. Davidson        | Albertville  | James Alexander Moore, Jr.      |                 |
| Bonnie Williams Deerman   |              |                                 | Springville     |
|                           | Jacksonville | (Special honors in mathematics) |                 |
| Edwin Lewis Deupree       | Anniston     | Richard Nordman                 | Gadsden         |
| Evelyn Byers Douthit      | Jacksonville | Billie Hyde Oden                | Joppa           |
| William B. Evans          | Woodville    | Charles Larry Oswalt            | Piedmont        |
| Carolyn Sue Fite          | Anniston     | Sybil Parris Parker             | Jacksonville    |
| Thomas Jasper Freeman     | Roanoke      | Ralph E. Parnell                | Munford         |
| Thomas Jefferson Freeman  |              | Patricia Vines Parsons          | Gadsden         |
|                           | Henagar      | Shirley Dunn Pelz               | Houston, Tex.   |
| Harold L. Gautney         | Gadsden      | Charles Burton Pollard          | Piedmont        |
| Murray C. Gregg           | Hamilton     | Thomas J. Richey                | Rainsville      |
| Charles Louis Grisham     | Oneonta      | Billy Louis Roddam              | Pinson          |

**BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION (Cont.)**

|                                    |           |                                    |          |
|------------------------------------|-----------|------------------------------------|----------|
| Bettye J. Sims .....               | Oxford    | Marvis C. Webb .....               | Boaz     |
| Charles William Solley .....       | Sylacauga | Shirlee B. Williams, Hammond, Ind. |          |
| Louise Stanton .....               | Tarrant   | Albert Ray Woodham Albany, Ga.     |          |
| (Special honors in history)        |           | James Bryan Yates .....            | Daviston |
| Martha Lawrence Terry, Springville |           | Virginia Lester Yates .....        | Daviston |
| James M. Tolson .....              | Gadsden   |                                    |          |

**BACHELOR OF SCIENCE IN MUSIC EDUCATION**

|                                     |         |                              |         |
|-------------------------------------|---------|------------------------------|---------|
| Richard A. Jones .....              | Gadsden | Robert Michael Watford ..... | Gadsden |
| Shirley Huff Scarborough, Talladega |         |                              |         |

**BACHELOR OF SCIENCE**

**VOCATIONAL HOME ECONOMICS EDUCATION**

|                             |              |                                      |          |
|-----------------------------|--------------|--------------------------------------|----------|
| Melba Copeland Bailey ..... | Gadsden      | Katherine S. Stevenson, Jacksonville |          |
| Betty Peak Hardman .....    | Ider         | (with distinction and with special   |          |
| Betty Walker Kelly .....    | Jacksonville | honors in home economics)            |          |
| Peggy Jean Morris .....     | Cropwell     | Inez Taylor .....                    | Piedmont |
| Mattie Helen Pittard .....  | Sycamore     | Mary Jordan Walden .....             | Centre   |
| Willardean B. Roddam .....  | Wedowee      |                                      |          |

**BACHELOR OF SCIENCE**

|                                     |                |                                 |              |
|-------------------------------------|----------------|---------------------------------|--------------|
| Earl Wm. Aldrup, Jr. ....           | Jacksonville   | Larry L. Lyda .....             | East Gadsden |
| (Special honors in chemistry)       |                | Robert George McElroy .....     | Attalla      |
| Ernest L. Birdsong .....            | Anniston       | Frank W. McNutt .....           | Manchester   |
| James Bishop .....                  | Glencoe        | Billy George Milam .....        | Gadsden      |
| Neal Austin Boozer .....            | Jacksonville   | Jean Waddy Morris .....         | Heflin       |
| Gary Franklin Burns .....           | Gadsden        | Leonard D. Norton .....         | Piedmont     |
| Joe Thomas Carter .....             | Woodland       | Charles Donald Nelson .....     | Anniston     |
| Joseph I. Conyers, Jr. ....         | Anniston       | Walter John Paige               |              |
| Billy Carl Crowe .....              | Clanton        | Raymond, New Hampshire          |              |
| Kenneth Ray Davis .....             | Gadsden        | Joe Wheeler Parson .....        | Haleyville   |
| Rayford E. East .....               | Alexander City | Eugene A. Poland .....          | Lineville    |
| Beverly Page Farmer .....           | Gadsden        | Rosamond Y. Ponder .....        | Jacksonville |
| Grover F. Ferguson .....            | Jacksonville   | (Special honors in secretarial  |              |
| John L. Ford .....                  | Glencoe        | science)                        |              |
| Leonard Joseph Fox .....            | Fort Payne     | Gerald Auston Poore, Sr. ....   | Anniston     |
| Taylor Vern Gilbert .....           | Pell City      | Norman Charles Propes           |              |
| Wilson C. Hicks .....               | Blountsville   | Jacksonville                    |              |
| Buman Carter Hulsey .....           | Henagar        | Richard T. Rushton .....        | Montgomery   |
| Shirley Keller Karraker .....       | Anniston       | Malcolm Douglas Sanders .....   | Pinson       |
| Charles Irvin Kennedy .....         | Heflin         | Calvin L. Smith .....           | Vincent      |
| Thomas James Lumpkin .....          | Sulligent      | Donald P. Shuffield .....       | Anniston     |
| Gurney T. Landers .....             | Anniston       | Harold Eugene Stubbs .....      | Pinson       |
| Charles W. Latham .....             | Oxford         | (Special honors in mathematics) |              |
| Lewis T. Leath .....                | Jamestown      | Paul R. Thompson .....          | Albertville  |
| H. Leon Locklear, Jr., East Gadsden |                | William Marion Towns .....      | Oneonta      |
| Fred Ray Lybrand .....              | Oxford         | Arthur Williamson .....         | Anniston     |

## BACHELOR OF ARTS

|                           |             |                             |              |
|---------------------------|-------------|-----------------------------|--------------|
| Margery Ann Clark .....   | Anniston    | Wilbur L. Lowrey .....      | Jacksonville |
| James N. Elliott .....    | Anniston    | John Byers Nisbet, Jr. .... | Jacksonville |
| Wallace C. Harris .....   | Roanoke     | John D. Robert, Jr. ....    | Odenville    |
| Bobby L. Hawkins .....    | Union Grove | Johann Friedrich Struth ..  | Germany      |
| William Arthur Jackson .. | Vincent     | Frank Dale Watson .....     | Odenville    |

(Special honors in political science)

## DEGREES AWARDED

JULY 27, 1956

## BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

|                              |             |                                |              |
|------------------------------|-------------|--------------------------------|--------------|
| Mary K. Akins .....          | Collbran    | Eunice Letson Killcrease ..    | Albertville  |
| Catherine C. Allen .....     | Gaylesville | June Usry Longshore .....      | Gadsden      |
| Edna A. Almon .....          | Albertville | Ina Elrod Malone .....         | Collinsville |
| Mae Wilson Banister .....    | Jamestown   | Lillian Martin .....           | Brooksville  |
| Mary Ella Beard .....        | Martling    | Mary H. Mitchell .....         | Talladega    |
| Leon Bentley .....           | Fort Payne  | Sivola Emerald Montgomery ..   | Albertville  |
| Patrick L. Bentley, Sr. .... | Fort Payne  | Lydia S. Moody .....           | Fort Payne   |
| Johnnie Faye Blake .....     | Attalla     | Geraldine A. Moore .....       | Anniston     |
| Ruth Bonds .....             | Albertville | Geraldine C. Morgan .....      | Anniston     |
| Lola Boyd .....              | Arab        | Marion D. Moultrie .....       | Albertville  |
| Mary Gray Campbell .....     | Heflin      | Felix R. Mullino .....         | Jacksonville |
| Isabelle Tuggle Clark .....  | Anniston    | Eula M. Pruett .....           | Albertville  |
| Willie Bettie Cobb .....     | Oxford      | Marie B. Rains .....           | Albertville  |
| Louise Duck .....            | Dadeville   | Lottie Mae Sherrer .....       | Brooksville  |
| Pauline S. Forrest .....     | Lincoln     | Virginia W. Sloan .....        | Scottsboro   |
| Sue Galloway .....           | Albertville | Julia M. Snead .....           | Centre       |
| Emma Blair Harlin .....      | Anniston    | Alverene Smallwood, Lacey's .. | Spring       |
| Mabel T. Hembree .....       | Section     | Georgia W. Street .....        | Rockford     |
| Doris Whelchel Holder .....  | Piedmont    | Louise B. Thomas .....         | Hollywood    |
| Annie Summerlin Hopper ..    | Fort Payne  | Kathryn C. Traywick .....      | Anniston     |
| Ruth Howard .....            | Gadsden     | Flora G. Vann .....            | Brilliant    |
| Lois D. Huggins .....        | Jasper      | Annie Longshore White .....    | Collbran     |
| Tressie O. Johnson .....     | Gadsden     |                                |              |
| Jessie Mitchell Kent .....   | Scottsboro  |                                |              |

## BACHELOR OF SCIENCE IN SECONDARY EDUCATION

|   |                   |                                    |                      |
|---|-------------------|------------------------------------|----------------------|
| Raymond Dewey Baird .....                               | Sylacauga         | Martha Ann Haynes .....            | Ashland              |
| Barbara Ellison Cole .....                              | Dadeville         | Kenneth Nelson Hitchcock ..        | Gillespie, Illinois  |
| Dorothy Cole .....                                      | Collbran          | (with special honors in chemistry) |                      |
| Joe H. Craig .....                                      | Owens Cross Roads | Eugene Holcomb .....               | Boaz                 |
| Audie Jo Deerman .....                                  | Section           | Maxine G. Johnson .....            | Piedmont             |
| Mareene Payne Estes .....                               | Birmingham        | Sarah R. Legge .....               | Talladega            |
| (with distinction and special<br>honors in mathematics) |                   | Nola Ann Line .....                | Collinsville         |
| Patricia Anne Genge .....                               | Heflin            | Edward L. McElroy .....            | Birmingham           |
| (with special honors in<br>secretarial science)         |                   | Thomas A. Maze .....               | Jacksonville         |
| Harrison C. Godfrey .....                               | Fruithurst        | Rebecca Tuck Miller .....          | Leesburg             |
| (with special honors in history)                        |                   | Jack Horton Moore .....            | Addison              |
| Bill Haas .....   | Fort Payne        | Robert Vernon Nix .....            | Summerville, Georgia |

**BACHELOR OF SCIENCE IN SECONDARY EDUCATION (Cont.)**

|                            |              |                                  |              |
|----------------------------|--------------|----------------------------------|--------------|
| Dean Ray Pace .....        | Jacksonville | James Edwin Tidmore ..           | Collinsville |
| Charles A. Papaspiros ..   | Anniston     | (with special honors in history) |              |
| Mary Lucille Parnell ..... | Jasper       | Anna Lou Williams .....          | Jacksonville |
| Charles E. Shell .....     | Sylacauga    | Hazel Nell Wooten .....          | Anniston     |

**BACHELOR OF SCIENCE IN MUSIC EDUCATION**

|   |            |                      |              |
|---|------------|----------------------|--------------|
| John Douglas Borden ..  | Wellington | Tommy Clyde Roberson | Alabama City |
| (with special honors in music and honor certificate in applied music) |            |                      |              |

**BACHELOR OF SCIENCE IN HOME ECONOMICS EDUCATION**

|                         |          |                     |          |
|-------------------------|----------|---------------------|----------|
| Mary Ann Crichton ..... | Anniston | Regina Miller ..... | Anniston |
|-------------------------|----------|---------------------|----------|

**BACHELOR OF SCIENCE**

|                           |                  |                          |              |
|---------------------------|------------------|--------------------------|--------------|
| Edward Ray Anderson ..... | Ashville         | Charles M. Huguley ..... | Gadsden      |
| Sarah Evelyn Barber ..... | Pell City        | Hugh Roy Johnson .....   | Piedmont     |
| Billy J. Bradbury .....   | Heflin           | Billy Hue Kerby .....    | Henagar      |
| Edgar A. Carlisle .....   | Anniston         | John W. Lee .....        | Nauvoo       |
| Thomas Franklin Cousins   | Taylorville, Ga. | Wilbur L. Lowrey .....   | Jacksonville |
| Lawrence N. Day, Jr. .... | Gadsden          | Miles J. McElhany .....  | Bynum        |
| James Richard Estes ..... | Jasper           | William Glenn Ward ..... | Attalla      |
| Donald F. Godfrey .....   | Jacksonville     | James H. Watson .....    | Gadsden      |
| Hugh Otis Holley .....    | Alexander City   | Keith C. Weir .....      | Jacksonville |

**BACHELOR OF ARTS**

|                           |             |                         |             |
|---------------------------|-------------|-------------------------|-------------|
| Charles David Cook .....  | Lyerly, Ga. | Gerald K. Johnson ..... | Albertville |
| Bernard G. Elfert .....   | Anniston    | Lewis T. Leath .....    | Jamestown   |
| Beverly Page Farmer ..... | Gadsden     |                         |             |

**DEGREES AWARDED**

**MAY 24, 1957**

**BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION**

|                             |              |                           |              |
|-----------------------------|--------------|---------------------------|--------------|
| Mary Alice Andress .....    | Anniston     | Bettye Young Frost .....  | Oxford       |
| Lorene H. Armstrong .....   | Glencoe      | Joan Anita Hagan .....    | Gadsden      |
| Carolyn Baker .....         | Gadsden      | Willie Dunn Harris .....  | Jacksonville |
| Pauline T. Barber .....     | Collinsville | Alta John Hendrix .....   | Graham       |
| Clussie Outlaw Bonds .....  | Attalla      | Bettye Conway Hightower   | Bynum        |
| Mary R. Hefner Brock .....  | Collinsville | Joy Graves Holt .....     | Oneonta      |
| Chlowe H. Cardwell .....    | Jacksonville | Faye Lancelle Hyatt ..... | Oxford       |
| Katherine Culberson Carroll | Anniston     | Hazel D. Little .....     | Centre       |
| Anne Waters Deupree .....   | Anniston     | Martha Faye Long .....    | Boaz         |
| Inez Stephens Dewberry ..   | Lineville    | Billye Leona Maze .....   | Jacksonville |
| Clyda R. Edmonds .....      | Pisgah       | Mary Lamurl Otwell .....  | Jasper       |
| Jewel C. Elliott .....      | Sylvania     | Arkatie Y. Parnell .....  | Anniston     |
|                             |              | Ruth Ponder .....         | LaFayette    |

## BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION (Cont.)

|                   |             |                        |              |
|-------------------|-------------|------------------------|--------------|
| Jewel J. Powell   | Dora        | Nell S. Smith          | Fort Payne   |
| Ruby B. Ragan     | Centre      | Shirley Faye Underwood | Roanoke      |
| Betty S. Rinehart | Cedar Bluff | Barbara Weaver         | Soddy, Tenn. |
| LaVina B. Slater  | Flat Rock   | Elvie H. Weaver        | Weaver       |

## BACHELOR OF SCIENCE IN SECONDARY EDUCATION

|   |              |                                     |                     |
|---|--------------|-------------------------------------|---------------------|
| Gilberth Doyle Aldridge                 | Boaz         | Jackie S. McDaniel                  | Jacksonville        |
| Jacqueline C. Aldridge                  | Boaz         | Millicent Naylor McDaniel           | Boaz                |
| Joe L. Anglin, Jr.                      | Huntsville   | Edward Lupton Meyer                 | Chattanooga, Tenn.  |
| Harold Lee Askew                        | Munford      | George Key Milner                   | Fairfax             |
| Billy G. Ayers                          | Ranburne     | Grace I. Morris                     | Somerville          |
| Arthur J. Bailey                        | Wedowee      | (special honors in mathematics)     |                     |
| Welton Birdwell                         | Gadsden      | Annie Fuller Murray                 | Jacksonville        |
| Sam N. Black                            | Decatur, Ga. | Thomas E. Murray                    | Jacksonville        |
| Maxine Lindsey Blessing                 | Dawson       | Kenneth L. Page                     | Gadsden             |
| Sue D. Boozer                           | Jacksonville | Imogene Haskew Phillips             | Weaver              |
| Archie R. Bullock                       | Gadsden      | (special honors in biology)         |                     |
| Robert E. Campbell                      | Trion, Ga.   | Sari Hood Ransom                    | Leesburg            |
| Bobby D. Chappell                       | Garden City  | John C. Reynolds, Jr.               | Gadsden             |
| Ann Griffiths Chesnut                   | Gaylesville  | Myra Elizabeth Richey               | Geraldine           |
| Robert D. Coley                         | Munford      | Joe Wayne Roberts                   | Albertville         |
| Paul E. Cothran                         | Gadsden      | Kenneth G. Roberts                  | Anniston            |
| Andrew William Curley                   | Fruithurst   | James W. Russell                    | Section             |
| Helen J. Grenhaw                        | Gadsden      | (special honors in mathematics)     |                     |
| Wanda S. Griffin                        | Dutton       | J. B. Ryan                          | Pompano Beach, Fla. |
| (special honors in secretarial science) |              | James Luther Sallas                 | Goodwater           |
| Rezelle L. Groover                      | Gadsden      | Meredith Christine Sanders          | Pinson              |
| Shirley LaDonne Guy                     | Vincent      | Chester B. Skates, Jr.              | Huzytown            |
| Joe Harold Hamilton                     | Cedar Bluff  | Velma Southern                      | Vincent             |
| William B. Harris                       | Anniston     | Thelma Southern                     | Vincent             |
| Carl Guy Harrison                       | Gadsden      | Donald O. Standridge                | Bangor              |
| William Kevin Hicks                     | Hueytown     | Florence K. Stoney                  | Wellington          |
| Edward Stanley Hollingsworth            |              | Sandra Jacqueline Swinney           |                     |
|   | Gadsden      | Cedartown, Ga.                      |                     |
| Raymond L. Hughes                       | Henagar      | Ann Montgomery Taylor               |                     |
| Betty Jo Johnson                        | Gadsden      | Jacksonville                        |                     |
| Paul C. Johnson                         | Piedmont     | William Lee Taylor                  | Lineville           |
| John Boyd Johnston                      | Bessemer     | Lila Mae Tommie                     | Fort Payne          |
| Venoy John Jolley                       | Fort Payne   | David E. Townsend                   | Hartselle           |
| Ruby H. Kelsoe                          | Jacksonville | Wayne G. Wallace                    | Jacksonville        |
| Billy Jack Laney                        | Rainsville   | Thomas Harold Walthall              |                     |
| Audrey Kellog Lindblom                  |              | Birmingham                          |                     |
|   | Jacksonville | Mary Evelyn Waters                  | Wedowee             |
| (special honors in mathematics)         |              | Franklin A. Weaver, Florence, S. C. |                     |
| Donald R. Lott                          | Crane Hill   | Dorothy Norma Wheelles              | Ashland             |
| Herbert Jackson Love                    | Jacksonville | George O. White, Jr.                | Birmingham          |
| Sarah Houston McCraw                    | Anniston     | Gerald Patrick Williams             | Wedowee             |
| General Lou McDaniel                    | Gadsden      | Raymond L. Williams                 | Pinson              |

## BACHELOR OF SCIENCE IN HOME ECONOMICS EDUCATION

|                                    |          |                                    |            |
|------------------------------------|----------|------------------------------------|------------|
| Martha Ann Brothers                | Gallant  | Jo Harris Spann                    | Gadsden    |
| Joyce Brown Edmondson              | Woodland | Peggy Saxon Wright                 | Wellington |
| (special honors in home economics) |          | (special honors in home economics) |            |
| Laura J. Parker                    | Centre   |                                    |            |



BACHELOR OF SCIENCE IN MUSIC EDUCATION

|   |          |                                   |              |
|---|----------|-----------------------------------|--------------|
| Jo Ann Chesnut                              | Gadsden  | Carol June Johnson                | Peterson     |
| Vivian Eugenia McCollough                   | Anniston |                                   | Guntersville |
| (special honors in music and applied music) |          | DeLeath Rives                     | Albertville  |
|   |          | (special honors in applied music) |              |
|   |          | DeWitt William Self, Jr.          | Birmingham   |

BACHELOR OF SCIENCE

|   |                |   |                |
|---|----------------|---|----------------|
| Horace Clinton Acton                          | Blount Springs | Harold E. Igou                            | Gadsden        |
| C. Lamar Bannister                            | Jacksonville   | Reuben Don Jackson                        | Gadsden        |
| (special honors in mathematics)               |                | Guy E. Jennings, Jr.                      | Camp Hill      |
| Robert Arthur Barnett                         | Tarrant        | Thomas Ray King                           | Anniston       |
| Jimmy R. Bates                                | Anniston       | Ronal Dennis Kirkpatrick,                 | Piedmont       |
| James Robert Bishop                           | Gadsden        | Larry Eugene Lee                          | Gadsden        |
| Clifford D. Black                             | Section        | Mildred Leatherwood                       | Anniston       |
| Billy D. Bowen                                | Gadsden        | (special honors in mathematics)           |                |
| Robert William Campbell                       | Gadsden        | Andrew Powell Lewiski, Jr.                | Gadsden        |
| William David Clark                           | Attalla        | Billy S. Lindsey                          | Piedmont       |
| Jerry Norton Cole                             | Anniston       | Jack L. McClendon                         | Jacksonville   |
| *Alton Couch                                  | Jacksonville   | Edward Fishburne                          | McCraw         |
| Joe L. Currie                                 | Jacksonville   |   | Anniston       |
| Hugh A. Daves                                 | Glencoe        | Floyd Bentley Mayes, Jr.                  | Mobile         |
| Edmond H. Davis, Jr.                          | Esom Hill, Ga. | Adelbert Ellsworth Miller,                | Anniston       |
|   |                | Ellis Rowe Morris                         | Roanoke        |
| Alva W. Deaton                                | Brownsboro     | Arthur C. Murray                          | Oxford         |
| (special honors in mathematics)               |                | David Homer Myer                          | Jacksonville   |
| James Arthur Elwell                           | Weaver         | Thomas A. Nelson                          | Guin           |
| James Franklin Ford                           | Glencoe        | Clarence B. Oaks, Jr.                     | Clanton        |
| Joseph Bertrum Freeman,                       | Anniston       | Robert Eugene Payne                       | Anniston       |
| Herbert C. Frith                              | Attalla        | Robert L. Plummer                         | Bynum          |
| Billy G. Gibbs                                | Arab           | Raymond Earl Poore                        | Oxford         |
| (special honors in mathematics)               |                | William Shaw Powell                       | Attalla        |
| William Reeves Griffin                        | Gadsden        | Grady E. Rhodes                           | Blue Mountain  |
| Newman Howard Grogan,                         | Eastaboga      | Kenneth Albert Robinson                   | Jacksonville   |
| Robert Daniel Hammonds                        | Jacksonville   | Robert E. Rogan                           | Tuscaloosa     |
| James Clyde Harrington                        | Anniston       | (special honors in chemistry)             |                |
| (special honors in chemistry and mathematics) |                | Robert George Rountree                    | Jacksonville   |
| Ted H. Hendon                                 | Piedmont       | Robert M. Scott, Jr.                      | Gadsden        |
| Marvin Herman Henry                           | Weaver         | Stitaya Sirisinha                         | Birmingham     |
| Richard Crawford Hillhouse                    | Gadsden        | (special honors in chemistry and biology) |                |
| Timothy George Hopper                         | Altoona        | James Franklin Smith                      | Fort Payne     |
| (special honors in chemistry)                 |                | Leon Dillard Staggs                       | Gadsden        |
| Samuel LaFayette Horton, Jr.                  | Talladega      | David P. Stewart                          | Sylacauga      |
| Kenneth H. Hosmer                             | Anniston       | Richard Lauris Tankersley                 | Alexander City |
| (special honors in business administration)   |                | Philip Howell Taylor                      | Jacksonville   |
| Buford Lee Howard                             | Guntersville   | Billy Ray Thornton                        | Jacksonville   |
| Jerry Glenn Howell                            | Heflin         | Garland S. Ward                           | Sylacauga      |
|   |                | Benjamin E. Webb                          | Anniston       |

## BACHELOR OF SCIENCE (Cont.)

|                            |                |                           |          |
|----------------------------|----------------|---------------------------|----------|
| Gerald Wayne Whitney ..... | Anniston       | Millard Vernon Young, Jr. |          |
| George Milton Wigley ..... | Oxford         |                           | Piedmont |
| Ted Wilson, Jr. ....       | Alexander City | *Medical Technology       |          |
| John J. Wooster .....      | Anniston       |                           |          |

## BACHELOR OF ARTS

|                               |          |                            |                |
|-------------------------------|----------|----------------------------|----------------|
| Thomas Olin Boyd .....        | Gadsden  | Carl D. Roebuck .....      | Gadsden        |
| (special honors in French)    |          | James William Samuels      |                |
| Helen Smith Jackson .....     | Anniston |                            | Montgomery     |
| (with distinction and special |          | Constantinos Stefanu ..... | University     |
| honors in languages)          |          | (special honors in French) |                |
| Joseph Anthony LiVolsi        |          | Merle L. Wade .....        | Gadsden        |
| So. Barre, Mass.              |          | Thomas A. Willingham       |                |
| John Milner Mullins .....     | Anniston |                            | Cedartown, Ga. |

## DEGREES AWARDED

JULY 26, 1957

## BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

|                                   |              |                                     |              |
|-----------------------------------|--------------|-------------------------------------|--------------|
| Ruth W. Astin .....               | Boaz         | Margaret Yates Jarvis .....         | Horton       |
| Edith L. Baswell .....            | Attalla      | Eleanor Morgan Kirkpatrick          |              |
| Bertha Sue Baker .....            | Centre       |                                     | Piedmont     |
| Ellie J. Barnard .....            | Albertville  | Abbie Hartline Laney .....          | Pisgah       |
| Joyce Ann Bazemore .....          | Anniston     | Christine W. Long .....             | East Gadsden |
| Irma G. Bowen .....               | Lineville    | Ivol T. Marona .....                | Gadsden      |
| Carine W. Bowman .....            | Pisgah       | Mary F. Martin .....                | Birmingham   |
| Irene C. Bramblett .....          | Scottsboro   | Elizabeth June Moore .....          | Addison      |
| Jessie C. Brengelman .....        | Gadsden      | Lessie Cofield Parker .....         | Wedowee      |
| Henry Sherman Bryant, Grove Oak   |              | Myra C. Patterson .....             | Lineville    |
| Louise W. Burkhalter .....        | Centre       | Thann Evelyn Pennington             |              |
| Sara Stewart Davis .....          | Piedmont     |                                     | Fort Payne   |
| Shirley Hicks Deerman .....       | Pisgah       | Bessie H. Pitt .....                | Bowdon, Ga.  |
| Lula Mae L. Dooley .....          | Albertville  | Nell Ruth Powell .....              | Jasper       |
| Margaret E. Durham                |              | Cleata Dell C. Reynolds, Rainsville |              |
| Lynn Haven, Fla.                  |              | Margaret Ann Rice .....             | Fort Payne   |
| Ray H. Dyar .....                 | Pisgah       | Kathryn C. Shamblin .....           | Gadsden      |
| Clifton Edwards .....             | Henegar      | Estelle J. Sisson .....             | Gadsden      |
| Evelyn W. Edwards .....           | Henegar      | Kate Webb Stanley .....             | Centre       |
| Nannie L. Frachiseur .....        | Albertville  | Mae B. Stephens .....               | Attalla      |
| Verna Gilbreath .....             | Crossville   | Alta G. Stringer .....              | Section      |
| Margaret M. Gillespie .....       | Boaz         | Winslow S. Thomas .....             | Henegar      |
| Minnie M. Hancock, Alexander City |              | Jewell Phillips Tucker .....        | Attalla      |
| Ora Cliff Harbor .....            | East Gadsden | Agnes L. Watwood .....              | Boaz         |
| Callie F. Harper .....            | Scottsboro   | Nell Foshee Whisenant .....         | Ohatchee     |
| Helen Kirby Hearn .....           | Albertville  | L. D. Woodham .....                 | Union Grove  |
| Billie Shaner Horton .....        | Cedar Bluff  | Margaret Morgan Wright              |              |
| Ann Kelley Hudson .....           | Jasper       |                                     | Valley Head  |

BACHELOR OF SCIENCE IN SECONDARY EDUCATION

|   |                |  |                |
|---|----------------|--|----------------|
| Huey T. Blackerby .....                 | Munford        | Charles Matthew Laminack .....                       | Muscadine      |
| Alice Faye Sides Blake .....            | Dora           | Bobby Lamar Ledbetter .....                          | Anniston       |
| Thomas E. Blake .....                   | Dora           | Joy Nell McNew .....                                 | Collinsville   |
| Thomas Olin Boyd .....                  | Gadsden        | Elizabeth Ann Mercer .....                           | Borden Springs |
| (Special honors in French)              |                |  |                |
| Polly Meehan Turner .....               | Pell City      | Anna Faye Moore .....                                | Attalla        |
| William Wayne Brothers .....            | Boaz           | Robbi Waller Moskot .....                            | Greenville     |
| William H. Bunch .....                  | Guntersville   | Robert Donald Murphy .....                           | Eufaula        |
| Ray Jerome Carter .....                 | Cedartown, Ga. | Mildred Frances Norton .....                         | Gadsden        |
| Jeff Robert Cummings .....              | Gadsden        | Laura Sue Oswalt .....                               | Piedmont       |
| Billy S. Godfrey .....                  | Centre         | (with distinction and special honors in mathematics) |                |
| Elizabeth Ann Skidmore .....            | Haas           | Helene Lorraine Owens .....                          | East Gadsden   |
|   | Collinsville   | Lee D. Parker .....                                  | Lubbock, Texas |
| Bill Hampton .....                      | Albertville    | Alice Jane Ramsey .....                              | Collinsville   |
| Carol Miller Harden .....               | Glencoe        | John A. Shelton .....                                | Pisgah         |
| (Special honors in secretarial science) |                |  |                |
| Charles E. Henry .....                  | Fort Payne     | William Francis Stillwell .....                      | Graham         |
| Mary Ann Milam Hughes .....             | Vincent        | James Donald Webb .....                              | Piedmont       |
| Charles A. Jolley .....                 | Lincoln        | Hugh H. Williamson .....                             | Pell City      |
| Charles E. Keel .....                   | Cropwell       |  |                |

BACHELOR OF SCIENCE IN HOME ECONOMICS EDUCATION

|                                    |               |   |              |
|------------------------------------|---------------|---|--------------|
| Carolyn Jean Bonner .....          | Standing Rock | Evelyn Harris Harper .....              | Piedmont     |
| Freda Rose Cartledge .....         | Cedar Bluff   | (special honors in home economics)      |              |
| Hazel Jeanette Forbus .....        | Lineville     | Sammye Jo Higdon .....                  | Walnut Grove |
| (special honors in home economics) |               |   |              |
| Peggy Jane French .....            | Anniston      | Joan Wynelle Miller McGraw, Delta ..... |              |
|                                    |               | Mary Bess Marshall .....                | Gadsden      |
|                                    |               | Foy N. Morgan .....                     | Jacksonville |

BACHELOR OF SCIENCE IN MUSIC EDUCATION

|                              |              |                           |              |
|------------------------------|--------------|---------------------------|--------------|
| Martha Jean Allen .....      | Orange Beach | George Louis Broom .....  | Jacksonville |
| Ronald Griffith Brooks ..... | Alabama City | (special honors in music) |              |

BACHELOR OF SCIENCE

|                               |              |                                |              |
|-------------------------------|--------------|--------------------------------|--------------|
| Charles A. Anderson .....     | Ragland      | Bobby G. Hamilton .....        | Anniston     |
| William M. Bass .....         | Trussville   | Joe Edward Horton .....        | Alabama City |
| John A. Bishop .....          | Gadsden      | Etheridge Milton Killion ..... | Blountville  |
| Weldon Townley Childers ..... | Carbon Hill  | James Thomas McManus .....     | Roanoke      |
| Jacob Birt Crawford .....     | Huntsville   | James H. Morris .....          | Anniston     |
| Raymond Daniel .....          | Gadsden      | Billy E. Nale .....            | Gadsden      |
| Oscar H. Dewberry .....       | Jacksonville | James Porter Payne .....       | Anniston     |
| James Hale Dyar .....         | Gadsden      | James Howard Perry .....       | East Gadsden |
| Joseph Eugene Forbes .....    | Ashland      | Eloise Robinson .....          | Jacksonville |
| Forrest Albert French .....   | Anniston     | Jimmy Lynn Slovensky .....     | Jacksonville |
| Dana Mayo Gaither .....       | Heflin       | Billy R. Stanfield .....       | East Gadsden |
| Corley L. Gilliland .....     | Steele       | Thomas Alva Walls .....        | Guntersville |
| Robert A. Griffin .....       | Anniston     | David Keith Whisenant .....    | Attalla      |
| Curtis Caudell Hall .....     | Anniston     |                                |              |
| (Special honors in bus. adm.) |              |                                |              |

## BACHELOR OF ARTS

|                                  |                   |                             |            |
|----------------------------------|-------------------|-----------------------------|------------|
| George E. Jarrell .....          | Albertville       | Florence K. Storey .....    | Wellington |
| Sarah Houston McCraw .....       | Anniston          | Lila Mae Tommie .....       | Fort Payne |
| Stitaya Sirisinha .....          | Bangkok, Thailand | French O. Whitten, Jr. .... | Pell City  |
| (Special honors in ch. and bio.) |                   |                             |            |

## DEGREES AWARDED

JANUARY 15, 1958

## BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

|                                |                  |                              |             |
|--------------------------------|------------------|------------------------------|-------------|
| Jerry Sue Brannon .....        | Ragland          | Evelyn Medders .....         | Boaz        |
| Catherine G. Deavor .....      | Gadsden          | Edith Eastin Moore .....     | Talladega   |
| Kathryne Wilmore .....         | Dunaway          | Louise M. Phillips .....     | Section     |
|                                | Anniston         | Joyce Virginia Simmons ..... | Birmingham  |
| Dorothy Ann Ellis .....        | Castleberry      | Clara H. Strickland .....    | Oxford      |
| Othello (Odie) T. Hanson ..... | Boaz             | Tula Latimer Vaughn .....    | Albertville |
| Kate W. Hodges .....           | Dutton           | Zula Dickie Webb .....       | Anniston    |
| Barbara Ann Leach .....        | Oak Ridge, Tenn. | Mildred White .....          | Scottsboro  |
| Gertrude K. McCord .....       | Gadsden          | Ruth Wingard .....           | Birmingham  |
| Evelyn Morgan McLaney .....    | Bagdad, Florida  |                              |             |

## BACHELOR OF SCIENCE IN SECONDARY EDUCATION

|                               |               |                                  |                |
|-------------------------------|---------------|----------------------------------|----------------|
| Betty Webb Anthony .....      | Centre        | Robert L. Porch .....            | Arab           |
| Betty Sue Benefield .....     | Roanoke       | Evelyn Graves Rice .....         | Gadsden        |
| Carole Ross Cox .....         | Guntersville  | Philip Denny Smith .....         | Birmingham     |
| Henry Donald Hammond .....    | Fort Payne    | Ted C. Spears .....              | Alexander City |
|                               | Fort Payne    | Jack Standridge .....            | Hayden         |
| William E. Ledbetter .....    | Sycamore      | Bethel David Starkey .....       | Scottsboro     |
| Shirley Ann McPherson .....   | Fort Payne    | Mary Gardner Street .....        | Piedmont       |
|                               | Fort Payne    | (Special honors in sec. science) |                |
| Hilda Janice Mason .....      | Jacksonville  | Wyman Townsel .....              | Alabama City   |
| Bettye Margaret Tollett ..... | Moore         | Billy C. Wilson .....            | Jamestown      |
|                               | Birmingham    | Betty Sue Yarbrough .....        | Crossville     |
| Morris M. Nix .....           | Phil Campbell |                                  |                |

## BACHELOR OF SCIENCE IN MUSIC EDUCATION

|                             |         |                              |            |
|-----------------------------|---------|------------------------------|------------|
| Henry Jackie Cavender ..... | Lincoln | Herman Lee Johnson, Jr. .... | Montgomery |
|-----------------------------|---------|------------------------------|------------|

## BACHELOR OF SCIENCE IN HOME ECONOMICS EDUCATION

|                                    |           |                          |              |
|------------------------------------|-----------|--------------------------|--------------|
| Rosemary McCollum .....            | Lineville | Melba Sue Thrasher ..... | Oaks         |
| (Special honors in home economics) |           |                          | Jacksonville |

**BACHELOR OF SCIENCE**

|   |              |                             |                |
|---|--------------|-----------------------------|----------------|
| Dean Akin .....                               | Dadeville    | Norman W. Lumpkin .....     | East Gadsden   |
| Marvin C. Armstrong .....                     | Hayden       | Julian L. Martin .....      | Alabama City   |
| Guy R. Brown .....                            | Piedmont     | Burl O. Milling .....       | Berry          |
| Billie L. Burdette .....                      | Altoona      | Jackie Thomas Myers .....   | Collinsville   |
| Fred H. Casey .....                           | Jacksonville | Mary E. Neal .....          | Oxford         |
| Sister Mary Dolores Chrapek,<br>M.S.B.T. .... | Gadsden      | Charles Thomas Nelson ..... | Round Mountain |
| Alan A. Coley .....                           | Oxford       | Malcolm G. Nelson .....     | Jacksonville   |
| Alton E. Cowan .....                          | Anniston     | Cecil Donald Simmons .....  | East Gadsden   |
| Willard Crabtree .....                        | Ider         | Willard Lamar Steele .....  | Alabama City   |
| William M. Earnest .....                      | Wellington   | Earl Austin Stine, Jr. .... | East Gadsden   |
| Robert Byron Finley .....                     | Lineville    | Jesse Lee Wadsworth .....   | Gadsden        |
| James A. Harden .....                         | Gadsden      | Jimmy L. Weems .....        | East Gadsden   |
| (Special honors in bus. adm.)                 |              | Ellis Whitt .....           | Gadsden        |
| John Stanley Hilburn .....                    | Piedmont     | Ottis Lee Williamson .....  | Gadsden        |
| Orville O. Hill .....                         | East Gadsden | Lewis H. Worth .....        | Bell, Florida  |
| Curtis L. Hood .....                          | Gadsden      | Billy Seldon Yates .....    | Alabama City   |
| Bobby W. Kennedy .....                        | Arab         |                             |                |
| Edson Watson Laney .....                      | Anniston     |                             |                |

**BACHELOR OF ARTS**

|                                 |              |                                  |                |
|---------------------------------|--------------|----------------------------------|----------------|
| Clarence Rowe Hudson .....      | DeArmanville | Anna Faye Moore .....            | Attalla        |
| (Special honors in French)      |              | Weyman C. Traylor .....          | East Gadsden   |
| Johnny Mack Humphrey .....      | Attalla      | Bishop K. Walker, Jr. ....       | Lebanon, Tenn. |
| (Special honors in mathematics) |              | (Special honors in pol. science) |                |



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