The

WESTERN MARYLAND COLLEGE



Catalogue 1948

The WESTERN MARYLAND COLLEGE BULLETIN

REPRESENTANT CONTRACTOR OF THE PROPERTY OF THE

Eighty-first Annual Catalogue



Westminster, Maryland

Volume XXIX

March, 1948

REPRESENTE PROPERTURE PROPERTURE

Number 6

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Calendar

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THE COLLEGE CALENDAR

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SUMMER SESSION

1948

June 21, Monday, 8:00 A. M.-12:00 M. Registration for First Term. 1:00 P. M. First Term classes begin.

July 24, Saturday. First Term closes.

July 26, Monday, 8:00 A. M.-12:00 M. Registration of students for Second Term.

1:00 P. M. Second Term classes begin.

August 28, Saturday. Second Term closes.

FIRST SEMESTER

1948-1949

September 20, Monday, 7:15 P. M. September Meeting of the Faculty.

September 21, Tuesday, 10:00 A. M. Eighty-second year begins. Registration of freshman students.

September 22 to September 24. Orientation period for freshman students.

September 24, Friday, 10:00 A. M. Registration for all other students.

September 25, Saturday, 7:50 A. M. The daily class schedule begins.

September 27, Monday, 11:30 A. M. Fall Convocation.

November 22, Monday, 12:00 M. Mid-semester grades reported to the Registrar.

November 25, Thursday. Thanksgiving Day. Class exercises suspended for the day.

December 17, Friday, 11:50 A. M. Classes adjourned for the Christmas Recess.

1949

January 3, Monday, 8:00 P. M. Christmas Recess ends.

January 28, Friday. First Semester closes.

SECOND SEMESTER

1949

January 31, Monday, 7:50 A. M. Second Semester classes begin.

March 25, Friday, 11:50 A. M. Spring Recess begins.

April 4, Monday, 8:00 P. M. Spring Recess ends.

April 5, Tuesday, 12:00 M. Mid-semester grades reported to the Registrar.

April 13, Wednesday, 11:30 A. M. Service of Investiture of the Seniors with Academic Costume.

May 7, Saturday. High School Guest Day.

May 27, Friday, 11:50 A. M. Second Semester closes.

May 27 to May 30. Commencement Period.

AN INTRODUCTION TO WESTERN MARYLAND COLLEGE

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An Introduction To Western Maryland College

MERICA PROVIDES many excellent colleges for young people seeking higher education. In the selection of an institution, an applicant should make certain that it is a college of good standing and one with whose ideals and objectives the individual is in accord.

Western Maryland College is a liberal arts institution, accredited by the Middle States Association of Colleges and Secondary Schools and the University Senate, and offers a varied curriculum taught by a competent staff of instructors. The enrollment is limited to six hundred carefully selected students. The College is coeducational, the first institution south of the Mason and Dixon Line to open its doors to both young men and young women. The limited enrollment, with a ratio of one instructor for every twelve students, makes possible a close relationship between students and faculty and among the students themselves. Members of the faculty are chosen not only for their scholarship, but for their character, their ability to teach, and their willingness to counsel with students.

As a liberal arts college its philosophy of education is to produce men and women having leadership qualities and conscious of the individual's responsibility for personal development and social advancement. At the same time it provides courses for professional training in stated areas as well as pre-professional training for those who plan to continue their education in the various specialized fields.

One of the distinctive features of the school is its emphasis upon character development. The College was chartered in 1868 under the auspices of the former Methodist Protestant Church and is now one of the church-related colleges of the Methodist Church. While it is open to students of all faiths and makes no religious tests of any, it gives ample opportunity for moral and religious development. It urges all students to attend church on Sunday (Methodist, Lutheran, Episcopal, Catholic, Reformed, Church of the Brethren, and Church of God congregations are to be found in Westminster) and requires attendance each Sunday evening at the College Chapel Service. The stu-

dents govern themselves by their own elected representatives who are assisted by faculty advisers. The College assumes that persons enrolling will respect the tradition of the school which prohibits the possession or use of alcoholic beverages on the campus or being under the influence of them at any time.

Persons enrolling at the College are required to live in the dormitories unless residing with parents or immediate relatives. This provides a more unified campus community and makes possible an environment where education is not pursued in isolation but in those natural relationships which typify the democratic atmosphere of American life.

The College is ideally located on a one-hundred-acre campus at the west end of Westminster, Maryland, amid the intimate beauty of Carroll County's rolling hills. The environment is ideal for study and is at the same time close to the cultural advantages offered by the City of Baltimore (twenty-eight miles distant) and the Nation's Capital (fifty-eight miles distant.)

It is suggested that applicants make careful reading of the material contained in this catalogue and that they write to the College for any additional information which they may desire. A Handbook of Western Maryland College is published each year and is presented to each incoming student. This publication contains the various regulations of the College as well as other interesting data. Ignorance of the rules and regulations cannot be construed as basis for their evasion.

ADMINISTRATION

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Board of Trustees

L. I. POLLITT, LL.D., ('89)	Baltimore, Md.	1913
J. H. CUNNINGHAM, ('85)	Westminster, Md.	1914
BISHOP J. H. STRAUGHN, LL.D., ('99)	Pittsburgh, Pa.	1915
REV. W. H. LITSINGER, D.D., ('93)	Baltimore, Md.	1918
WILLIAM C. SCOTT	Baltimore, Md.	1922
HENRY GILLIGAN, A.M., LL.B., ('01)_	_Washington, D. C.	1922
JAMES PEARRE WANTZ	Westminster, Md.	1922
JAMES PEARRE WANTZ	Buckeystown, Md.	1923
MILTON L. VEASEY, A.M., LL.B., ('96)	Pocomoke City, Md.	1923
DANIEL MACLEA	Baltimore, Md.	1924
ROBERT J. GILL, LL.B., LL.D., ('10)_	Baltimore, Md.	1925
T. W. MATHER	_Westminster, Md.	1927
*REV. R. L. SHIPLEY, D.D	Baltimore, Md.	1927
REV. J. N. LINK, S.T.D., ('25)	Wilmington, Del.	1929
REV. E. C. MAKOSKY, D.D	Westminster, Md.	1929
REV. L. B. SMITH, D.D	Baltimore, Md.	1930
REV. W. P. ROBERTS, D.D., ('03)	Wilmington, Del.	1930
GEORGE W. DEXTER, LL.B., ('06)	Baltimore, Md.	1931
R. J. WHITEFORD, LL.B., LL.D., ('06)	-Washington, D. C.	1934
F. MURRAY BENSON, LL.B., ('17)	Baltimore, Md.	1936
REV. FRED G. HOLLOWAY, LL.D., ('1	8)Madison, N. J.	1936
WILLIAM W. CHASE, M.D., ('23)	Washington, D. C.	1937
CHARLES ROBERT MILLER, LL.D., ('8		1938
REV. E. A. SEXSMITH, D.D.		1938
MIRIAM BAYNES MATTHEWS, ('98)	Baltimore, Md.	1939
REV. J. LEAS GREEN, D.D., ('16)		1940
REV. OLIVER J. COLLINS, D.D.	Baltimore, Md.	1941
*D. ROGER ENGLAR, LL.B., LL.D., ('05	3)New York, N. Y.	1942
HARRY C. ADKINS, ('08)	Salisbury, Md.	1943
BISHOP CHARLES W. FLINT, LL.D.	_Washington, D. C.	1944
REV. LOWELL S. ENSOR, D.D.	_Westminster, Md.	1944
WALTER H. DAVIS	Westminster, Md.	1944
DOROTHY McDaniel Herr, ('18)	Westminster, Md.	1945
C. NEWTON KIDD	Baltimore, Md.	
W. LLOYD FISHER	Baltimore, Md.	
REV. J. EARL CUMMINGS, D.D., ('25)	Wilmington, Del.	
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^{*}Deceased.

ALUMNI VISITORS TO THE BOARD

Term expires June, 1948

HUBERT P. BURDETTE, ('20) ex-officio	Mt. Airy, Md.
T. K. HARRISON, ('01) ex-officio	_Westminster, Md.
MARY WARFIELD LEBOUTILLIER, ('25)	Radnor, Pa.
ELIZABETH NORMAN VAN TINE, ('28)	Arlington, Va.
and the community	

Term expires June, 1949

CHARLES W. WILLIS, A.M., ('30)____Bel Air, Md.

Term expires June, 1950

CHARLES E. BISH, Ed.D., ('25) Washington, D. C. ALFRED C. RICE, JR., ('25) Baltimore, Md.

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Auditing Committee: Messrs. Gilligan, Cunningham

Committee on Degrees and Curriculum: Messrs. Ensor, Litsinger, Pollitt, Dexter, Sexsmith

Buildings and Grounds Committee: Messrs. MacLea, Adkins, Davis

Faculty

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NANNIE CAMILLA LEASE, A.B., A.M., Professor of Speech, Emeritus.

GEORGE STOCKTON WILLS, Ph.B., Ph.M., A. M., LIT.D., Professor of English, Emeritus

ALVEY MICHAEL ISANOGLE, A.B., A.M., Ed.D., Dean of the School of Education and Professor of Education, Emeritus

CARL LAWYER SCHAEFFER, Treasurer of the College A.B., Western Maryland College; B.S.E., Johns Hopkins University; additional studies, Johns Hopkins University.

Samuel Biggs Schofield, Dean of Administration and Professor of Chemistry
A.B., Western Maryland College; A.M., Princeton University;

additional studies, Princeton University.

LLOYD MILLARD BERTHOLF, Dean of the Faculty and Professor of Biology (First semester).

A.B., Southwestern College; A.M., Johns Hopkins University; Ph.D., Johns Hopkins University; National Research Fellow, Zoological Institute, University of Munich, Germany, 1930-1931.

GEORGE FRANKLIN STOVER, Dean of the School of Education and Professor of Education (First semester); Dean of the Faculty and Professor of Education (Second semester).

A.B., Susquehanna University; M.S., Pennsylvania State College; Ed.D., Columbia University.

MAUDE GESNER, Professor of Music Soloist Certificate, New England Conservatory of Music; additional studies, New England Conservatory of Music; Student

with Elizabeth Quaile, Angela Diller, Harold Bauer.

CLYDE ALLEN SPICER, Professor of Mathematics A.B., University of Richmond; A.M., Johns Hopkins University; Ph.D., Johns Hopkins University. THEODORE MARSHALL WHITFIELD, Professor of History A.B., University of Richmond; Ph.D., Johns Hopkins University.

REMBRANDT DEWEES SUMMERS, Professor of Physics A.B., University of Pennsylvania; Ph.D., University of Pennsylvania.

WILLIAM ROBBINS RIDINGTON, Professor of Classics A.B., Princeton University; A.M., Princeton University; Ph.D., University of Pennsylvania; additional studies, American School of Classical Studies, Athens, Greece.

DAISY WINNIFRED SMITH, Professor of Home Economics B.S., Acadia University; A.M., Columbia University.

James Pearsall Earp, Professor of Sociology B.S., University of Pennsylvania; A.M., Columbia University; Ph.D., Northwestern University.

ELIZABETH SIMKINS, Professor of Library Science A.B., The Woman's College of the University of North Carolina; B.S.L.S., Columbia University; A.M.L.S., University of Michigan.

OLIVER SAROSI, Professor of Economics B.C.S., New York University; Dr. Pol. Ec., Royal Hungarian University; additional studies, Princeton University, Northwestern University, Johns Hopkins University.

CARLETON SMITH, Colonel, Infantry, Professor of Military Science and Tactics

JOHN DONALD MAKOSKY, Professor of English. (On sabbatical leave, second semester)
A.B., Western Maryland College; A.M., Columbia University; additional studies, Columbia University.

JOHN LLOYD STRAUGHN, Professor of Chemistry B.S., Mansfield State Teachers College; A.M., Johns Hopkins University; Ph.D., Johns Hopkins University.

THOMAS FREDERIC MARSHALL, Professor of American Literature A.B., Temple University; A.M., University of Pennsylvania; Ph.D., University of Pennsylvania.

MINNIE MARSDEN WARD, Librarian A.B., Western Maryland College; A.M., Columbia University.

1948 Faculty

SARA ELIZABETH SMITH, Associate Professor of Education A.B., Western Maryland College; A.M., Columbia University; Ed.D., Columbia University.

KATHRYN BELLE HILDEBRAN, Associate Professor of Modern Languages

A.B., Oberlin College; A.M., University of Chicago; Ph.D., University of Chicago; additional studies, Western Reserve University, Middlebury College.

ESTHER SMITH, Associate Professor of Dramatic Art Diploma, Bard-Avon School of Expression; Teacher's Certificate, American Academy of Dramatic Arts; additional studies, Columbia University; Student with Binney Gunnison and Louise Gifford; Dramatic Workshop of the New School of Social Research.

LINCOLN FORREST FREE, Dean of Men and Associate Professor of Astronomy and Mathematics
A.B., Lafayette College; A.M., Lafayette College; Ph.D., New York University.

DANIEL SAMMIS SANFORD, JR., Associate Professor of Psychology A.B., Yale University; A.M., Columbia University; Ph.D., Columbia University.

EVELYN LELIA MUDGE, Associate Professor of Education B.S., Florida State College for Women; Ed.D., Johns Hopkins University; additional studies, University of Wisconsin.

ALFRED WINFIELD DE LONG, Associate Professor of Music Diploma, Curtis Institute of Music.

CLOYD LAWRENCE BENNIGHOF, Associate Professor of Biology B.S., Hiram College; M.S., University of Chicago; additional studies, Ohio State University.

REUBEN SIMON HENRY HOLTHAUS, Associate Professor of Philosophy
A.B., Morningside College; A.M., Boston University; S.T.B.,
Boston University; Ph.D., Boston University.

MARIE PARKER, Associate Professor of Physical Education B.S., University of Missouri; A.M., Columbia University.

CHARLES WILLIAM HAVENS, Director of Athletics for Men and Associate Professor of Physical Education
A.B., Western Maryland College; additional studies, Columbia University.

ISABEL THOMPSON ISANOGLE, Associate Professor of Biology A.B., University of Cincinnati; B.E., University of Cincinnati; A.M., University of Cincinnati; Ph.D., Ohio State University.

HELEN GRAY HOWERY, Dean of Women and Associate Professor Professor of English B.S., Radford State Teachers College; A.M., Columbia University; additional studies, Columbia University.

HELEN MURLEY JAMES, Associate Professor of Psychology (Second semester)
B.S., State Teachers College, Bridgewater, Massachusetts; M.S., Cornell University; additional studies, Columbia University, University of Maryland.

DEAN WHITE HENDRICKSON, Assistant Professor of English A.B., University of Virginia; A.M., University of Virginia; additional studies, University of Virginia, Johns Hopkins University.

FRANK BENJAMIN HURT, Assistant Professor of Political Science A.B., Washington and Lee University; A.M., University of Virginia; A.M., Princeton University; additional studies, Johns Hopkins University, Harvard University, University of North Carolina.

Addie Belle Robb, Assistant Professor of History B.S., Johns Hopkins University; A.M., Columbia University; additional studies, University of Chicago, Harvard University.

HUGH LATIMER ELDERDICE, Assistant Professor of Chemistry A.B., Western Maryland College; A.M., Western Maryland College; additional studies, Johns Hopkins University.

MARGARET JULIA SNADER, Assistant Professor of Modern Languages A.B., Western Maryland College; A.M., Columbia University; Certificat d' Etudes, Sorbonne; additional studies, McGill University, Cornell University, Pontigny, Mount Holyoke College.

EVELYN WINGATE WENNER, Assistant Professor of English (On leave of absence)

A.B., Blue Ridge College; A.M., Johns Hopkins University; additional studies, Cambridge University, England.

JOSEPH CLEMENS WILLEN, Assistant Professor of Modern Languages

A.B., Columbia University; A.M., University of Pennsylvania; additional studies, Colegio de Arequipa, Peru, University of Berlin, University of Pennsylvania.

PHILIP SAMUEL ROYER, Assistant Professor of Music A.B., Western Maryland College; A.M., Columbia University.

OLIVER KINGSLEY SPANGLER, Assistant Professor of Music A.B., Otterbein College; B.Mus., Otterbein College; M.Mus., Peabody Conservatory of Music.

HELEN ELIZABETH GRAY, Assistant Professor of Home Economics B.S., Iowa State College; M.S., Iowa State College; additional studies, Iowa State College.

MARY LOUISE SHIPLEY, Assistant Professor of Art A.B., Western Maryland College; additional studies, Martinet School of Art, Maryland Institute.

Roselda Fowler Todd, Assistant Professor of Physical Education

A.B., Western Maryland College; A.M., Columbia University; additional studies, Columbia University.

GRACE CORDIA MURRAY, Assistant Professor of Music B.Mus., Eastman School of Music; M.Mus., Eastman School of Music; Student with Gunther Ramin, Leipzig, Germany.

HELEN BRAINARD, Assistant Professor of Music B.Mus., Oberlin College; Diploma, Juilliard Graduate School of Music; Student with Carl Friedberg.

BRUCE ERNEST FERGUSON, Assistant Director of Athletics for Men A.B., Western Maryland College; A.M., Columbia University.

DIKA NEWLIN, Assistant Professor of Music A.B., Michigan State College; A.M., University of California; Ph.D., Columbia University; Student with Rudolf Serkin, Arthur Schnabel. JACK EDWARD HANSMA, Assistant Professor of Physical Education B.S., Michigan State Normal College; A.M., University of Michigan.

DAVID GILBERT BRADLEY, Assistant Professor of Religion (The Baltimore Conference Chair)

A.B., University of Southern California; B.D., Garrett Biblical Institute; A.M., Northwestern University; Ph.D., Yale University.

CHARLES GERALD DU Bose, Major, Infantry, Assistant Professor of Military Science and Tactics
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JOSEPH WILLIAM HENDREN, Assistant Professor of English A.B., Princeton University; A.M., Princeton University; Ph.D., Princeton University.

CORINNE TROY SCHOFIELD, Instructor in Home Economics (First semester)
B.S., Columbia University; A.M., Columbia University.

JOHN BAYLEY JONES, Instructor in Sociology A.B., Western Maryland College; S.T.B., Westminster Theological Seminary; S.T.M., Westminster Theological Seminary.

EDITH ELIZABETH LITZINGER, Instructor in Modern Languages A.B., College of Notre Dame of Maryland; A.M., Johns Hopkins University.

MARY CATHERINE FIROR, Assistant Librarian A.B., Beaver College; B.S.L.S., Drexel Institute of Technology; additional studies, Columbia University.

ANN ELISABETH O'ROURK, Instructor in Biology A.B., Duke University; M.S., University of Maryland.

PEARL BURKHEAD BOBBITT, Instructor in Mathematics A.B., Western Maryland College; A.M., Duke University.

Mahlon Frank Peck, *Instructor in Physics* A.B., University of Buffalo; A.M., University of Buffalo; additional studies, Catholic University of America.

FERNANDA DORIA, Special Instructor in Music Student with Adele Borghi, Roberto Villani and Arthur Foote.

ELIZABETH JOHNSON MARSHALL, Special Instructor in Mechanical Drawing
The Cambridge School of Architecture and Landscape Architecture.

PAUL FRANKLIN KUHNS, Special Instructor in Economics Johns Hopkins University

RUTH ANNE WHITMORE KITTNER, Special Instructor in Physical Education
A.B., Western Maryland College.

GAIL SOULES BRADLEY, Special Instructor in Psychology (First semester)
A.B., University of California at Los Angeles; A.M., Northwestern University.

KATHLEEN MOORE RAVER, Special Instructor in Home Economics (Second semester)
A.B., Western Maryland College; additional studies, Johns Hopkins Hospital.

MARIE-ADELE SUMMERS, Special Instructor in Modern Languages (Second semester)
University of Pennsylvania.

HELEN MARIE BECKER, Special Instructor in Biology (Second semester) A.B., Western Maryland College.

STANDING COMMITTEES OF THE FACULTY

Absences: Spicer, Isanogle, MacDonald, Snader, Willen, Ridington, ex-officio

Absence Officer: Ridington

Admissions and Standards: Stover, Earp, Free, Holthaus, Howery, Manahan

Advisers to the Aloha:—Editorial: Marshall Financial: Criswell

Adviser to the Gold Bug: Lorenz

Advisers to the Argonauts: Ridington, Robb

Appointees to Student Activities Committee: Free, Howery, Jones, Veale

Appointees to Athletic Council: Free, Jones, Straughn, Havens, ex-officio, Schaeffer, ex-officio

Athletics-Women: Gray, Parker, Todd

Auditing Student Organizations: Hendrickson, Bobbitt, Criswell, Elderdice

Calendar: Schofield, Free, Gesner, Havens, E. Smith

Concerts: Schofield, deLong, Gesner, Shipley, E. Smith

Cosmos: Hurt, Bradley, Sanford, Simkins, C. Smith

Curriculum: Makosky, Hurt, D. Smith, Stover, Summers

Library: Marshall, Hildebran, Murray, Simkins, Straughn, Ward, Whitfield

Retirement: Straughn, Bennighof, D. Smith, Spangler

Sabbatical: Summers, Makosky, Mudge, S. Smith

Schedule: Schofield, Perry

Student Counseling: Free, Howery, Bennighof, Bradley, de Long, Earp, Gray, Havens, Hildebran, Holthaus, Isanogle, Jones, MacDonald, Makosky, Marshall, Mudge, Parker, Ridington, Robb, Royer, Sanford, D. Smith, S. Smith, Spicer, Straughn, Summers, Todd, Whitfield.

Administration and Staff

LOWELL SKINNER ENSOR, A.B., B.D., D.D., President

SAMUEL BIGGS SCHOFIELD, A.B., A.M., Dean of Administration

GEORGE FRANKLIN STOVER, A.B., M.S., Ed.D., Dean of the Faculty

CARL LAWYER SCHAEFFER, A.B., B.S.E., Treasurer

LINCOLN FORREST FREE, A.B., A.M., PH.D., Dean of Men

HELEN GRAY HOWERY, B.S., A.M., Dean of Women

MARTHA ELIZA MANAHAN, A.B., Registrar

CORA VIRGINIA PERRY, A.B., Assistant Registrar

THEOPHILUS KENOLEY HARRISON, A.B., Purchasing Agent

JOHN BAYLEY JONES, A.B., S.T.B., S.T.M., Director of Public Relations

NINA VENABLES VEALE, A.B., Director of Residence for Women

VIRGIE WILLIAMS JEFFERSON, A.B., Director, McDaniel Hall

CARRIE ANN HAYES, Director, McKinstry Hall

HERBERT EDGAR SMITH, Steward

HELEN DITMAN HARBAUGH, Assistant to the Steward

EDWARD MILTON BLACK, Superintendent of Buildings and Grounds

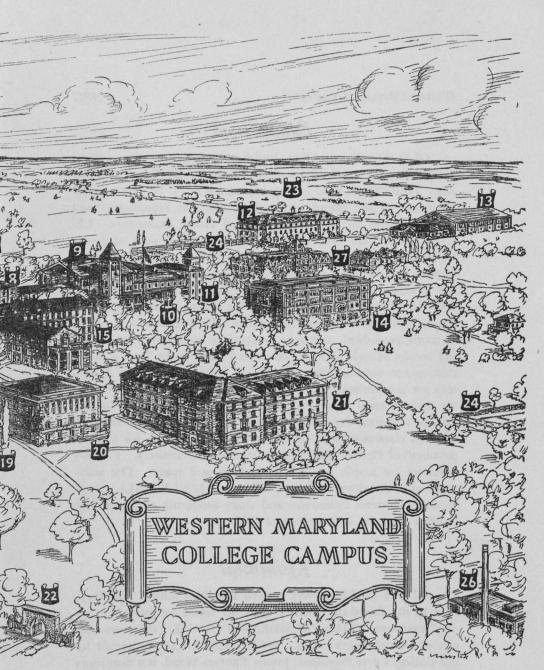
Belle Eason Griffin, R.N., Nurse in Charge

HELEN OHLER, Secretary to the President

FACILITIES



1. Carroll Hall. 2. The McDaniel House. 3. The Dean of Men's Residence. 4. Hoffa Athletic Field. 5. Lewis Hall. 6. Yingling Hall. 7. Ward Hall. 8. Hering Hall. 9. Old Main. 10. Smith Hall. 11. McKinstry Hall. 12. Albert Norman Ward Hall. 13. The Gill Gymnasium. 14. Science Hall. 15. McDaniel Hall. 16. The President's House. 17. Alumni Hall. 18. Le-



vine Hall of Music. 19. Baker Chapel. 20. The Library. 21. Blanche Ward Hall. 22. Ward Memorial Arch. 23. The Golf Course. 24. Tennis Courts. 25. Harvey Stone Park. 26. The Power Plant. 27. The Westminster Theological Seminary, the campus of which adjoins that of the College.

Educational

OLD MAIN, the first building erected on the campus (1866), is now largely devoted to the use of the Department of Art. HERING HALL (1890), named for Dr. J. W. Hering, first Treasurer of the Board of Trustees, contains laboratories and other facilities for the Department of Home Economics. LE-VINE HALL OF MUSIC (1891), named in memory of James Levine Billingslea, after extensive alterations in 1939 houses the Department of Music and provides seven studios and classrooms, ten practice rooms, and a recital hall. THE McDANIEL HOUSE (1896), is used for the home management program of the Department of Home Economics. THE LIBRARY (1908) contains periodical, reference, magazine, conference, and reading rooms as well as staff rooms and stack space for the more than 40,000 volumes contained in the collection. It is a depository for government publications and the Carnegie Endowment for International Peace. LEWIS HALL (1914), named for the College's second President, Thomas Hamilton Lewis, contains thirteen classrooms and six laboratories, three each for the Department of Physics and the Department of Chemistry. The laboratories are ample in both equipment and space. The astronomical observatory tops the building. SCIENCE HALL (1929) contains thirteen classrooms and three modernly equipped laboratories for the Department of Biology.

Residential

SMITH HALL (1887), named for John Smith, first President of the Board of Trustees, provides residence rooms for faculty members. THE PRESIDENT'S HOUSE (1889) was the gift of Daniel Baker's sons. WARD HALL (1895), named for the College's first President, James Thomas Ward, is a dormitory for men. Mckinstry Hall (1907) provides housing for women students. McDaniel Hall (1922), named for William Roberts McDaniel, for many years Vice-President of the

1948 Facilities

College, is a dormitory for women and contains a large student lounge as well as many auxiliary rooms. BLANCHE WARD HALL (1935), named for Blanche Murchison Ward, wife of the late President Albert Norman Ward, provides housing for one hundred sixty women and contains a number of rooms auxiliary to dormitory purposes. ALBERT NORMAN WARD HALL (1939), named in memory of the College's third President, is a composition of four distinct units and provides dormitory and social rooms for male students. The Dining Hall, with a capacity of six hundred, is located in Science Hall.

In room assignments preference is given to old students in the order of classes and to new students in the order of matriculation. Bedrooms are completely equipped but pillows, blankets, linen, and towels are supplied by the student.

Health and Physical Welfare

Infirmaries for both men and women are located in Old Main. An adequate nursing staff is available at all times and infirmary privileges are granted to each student without charge for a period not to exceed seven days in any school year. Announcement has been made of the gift of an Infirmary by Mrs. William J. Thompson and the late Dr. Thompson of New York City, the same to be erected as soon as regulations permit. Modern and adequate physical education facilities for women are to be found in BLANCHE WARD GYMNASIUM. THE GILL GYMNASIUM (1939), named for Brigadier General Robert J. Gill, '10, has a main playing floor eighty by one hundred fifteen feet with folding bleachers seating one thousand. Ample lockers and shower rooms are provided as well as rooms for the Departments of Physical Education and Intercollegiate Athletics. HOFFA ATHLETIC FIELD is the location of intercollegiate sports. HARVEY STONE PARK is a beautiful tract of five acres with an amphitheater and a covered pavilion. A nine-hole golf course, two playing fields, and nine tennis courts are available for student use.

General

BAKER CHAPEL (1895), gift of Mr. William G. Baker of Buckeystown, Maryland, "to the glory of God and in grateful recognition of the mercy that spared the life of a beloved son," is used for the Sunday School and other religious exercises. It contains a two-manual pipe organ by Brown. Announcement has been made of the gift of a new Baker Memorial Chapel to be dedicated to the memory of William G. Baker, Sr., Daniel Baker, Joseph D. Baker, and Sarah Baker Thomas and to be erected as soon as regulations permit. ALUMNI HALL (1899) contains an auditorium capable of seating twelve hundred persons. It is used for chapel, assemblies, lectures, and musical programs as well as the presentations of the Department of Dramatic Art. It also contains a three-manual pipe organ by Moller. YINGLING HALL (1904), gift of Anna R. Yingling, '71, provides quarters for the Department of Military Science. CAR-ROLL HALL, a property purchased in 1922, houses the Offices of Administration.

FROM ADMISSION TO GRADUATION

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Concerning Admission

BEFORE completing plans for admission, applicants are advised to read carefully the contents of this catalogue. It is written so as to give, in brief compass, a mental picture of Western Maryland College. In addition, the applicant should read all other available publications of the College which help to give a fuller picture of the institution. Too much stress cannot be laid upon the need of the careful selection of a college which will fill the applicant's needs and with whose traditions and objectives he is in accord.

Application blanks may be obtained by writing to the Registrar. Only such students will be admitted who:

- (1) are graduates of a secondary school accredited by the Middle States Association of Colleges and Secondary Schools, by similar associations, or by the Department of Education or State University of the state in which the school is located.
- (2) are recommended by the principal of the secondary school attended.
- (3) have satisfactorily completed fifteen units of secondary school work including Mathematics 2 (two years of Algebra, or one each of Algebra and Geometry), English (four years) 3, History 1, and nine units elected from the following: History 3, Foreign Languages 6, Physical Geography 1, General Science 1, Biology 1, Zoology 1, Botany 1, Chemistry 1, Physics 1, Algebra 1, Geometry 1, Solid Geometry 1/2, Plane Geometry 1/2, and from approved vocational work 4. (A unit is the credit value of at least thirty-six weeks' work of not less than four recitation periods per week, each period not less than forty minutes.)

The quality of a student's secondary school work is stressed and exceptions to the required units may be made when the applicant's standing is well toward the top of his secondary school class.

Western Maryland College will accept students transferring from other accredited colleges only if they can furnish a statement of honorable dismissal from the institution attended. A transcript of the student's record must also be presented. A tentative evaluation will be given of the credits transferrable; definite evaluation can be made only after the student has been in residence a full semester. No transfer credit will be allowed for courses completed with the lowest passing grade of the institution formerly attended.

When an application for admission is approved, the Registrar will send all additional data needed before arrival at the College. Where applicants do not themselves designate a choice of roommate, the College will endeavor to make selection on the basis of probable compatibility.

The curriculum which each freshman pursues is not finally determined until the end of Freshman Orientation Period. During this time, the incoming students attend a series of lectures and discussions in reference to college education and college life. They are also given a number of tests whose results are in the hands of the counselors to whom the freshmen are assigned for the selection of courses and such other counseling as may be necessary. The determination of courses is based on the student's high school record, the secondary school principal's report, the entrance tests, and the individual's objectives. The counselors are members of the faculty who have had special training or experience in advising students in regard to academic problems. Assignment of counselors is made largely on the basis of the student's vocational interest. Normally the individual retains the same advisor until such time (usually the fourth semester) when the student will have chosen a major department of study, at which time the head of the department (or of the Department of Education if the student expects to teach in high school) will become his counselor.

In certain cases, the selection of a major department is made prior to the fourth semester. A major in Music or in Home Economics, for instance, should be indicated at entrance, so that courses in these departments may be taken during the freshman year. If one expects to major in a science, mathematics should be taken in the first year, leaving the selection of the particular science, if desired, to a later date. It is advisable to have a fairly definite plan for specialization by the end of the freshman year.

For those who desire expert assistance in coming to a decision regarding the choice of a vocation, the College offers a special vocational guidance service. This consists of a series of

tests, questionnaires, and personal interviews, and help in interpreting the data thus obtained. The tests measure mental, physical, and emotional aptitudes, vocational interests, personality traits, etc. The service is administered by the Department of Psychology. (A fee of \$5.00 is charged for this service.)

An additional aid to the proper orientation of freshmen is a series of lectures and class exercises given in the form of a noncredit course, one hour per week throughout their first semester. This is designed to aid students in such areas as: the value of a liberal education, the proper budgeting of time and money, the choice of a vocation, the development of personality, and the building of a philosophy of life.

Grades and Reports

The instructor determines the progress of the individual and the group by means of conferences, class work, tests measuring the cumulative knowledge in the course and in the field of study, special assignments or papers, and upon other procedures which may prove valuable, avoiding as far as possible, dependence upon semester examinations.

The scholastic standing of a student is indicated by a system of grades, designated by the letters A, B, C, D, E, F, and I. A, B, C, and D are passing grades, A indicating work of the highest rank, D of the lowest. Students receiving the grade of E are conditioned in the subject, and may remove the condition in any way that is satisfactory to the instructor, provided it is done within one year. Students receiving the grade of F must repeat the course to receive credit for it. Students receiving the grade of I must complete the course within one year from date of record if a credit grade is to be given.

Students who withdraw before the end of a semester receive a grade of Withdrawn Passing or Withdrawn Failing. No academic credit is allowed for these grades, unless the student has been called into the armed services, in which case partial credit is allowed when the grade is Withdrawn Passing. The general quality of students' work is numerically determined by assigning quality points for each semester hour of a passing grade as follows: A-3, B-2, C-1, D-0. A student is not in full class standing unless he has successfully completed thirty-four semester hours of academic work each year with at least an equal number of quality points. The number of semester hours which each course carries is stated after the description of the course, given in the section, Courses of Instruction, of this catalogue.

Reports are mailed to parents at the end of each semester and at mid-semester during the freshman year. Mid-semester reports are also made in courses where upper-classmen are doing unsatisfactory work. The academic records are reviewed each semester by the Committee on Admissions and Standards. A student may be dropped from college when, in the opinion of the Committee, his scholarship record is so low as to justify such action.

Honorable mention may be awarded a student in any class who, during the scholastic year, receives grade A or B in eighty percent of his semester hours for that year, and no grade below C.

Requirements for Graduation

The College offers two Bachelor's degrees, Bachelor of Arts and Bachelor of Science. The Bachelor of Arts degree requires a somewhat broader foundation than the Bachelor of Science, a sampling of more of the fields of knowledge, and a smaller degree of specialization in any one field. The Bachelor of Science degree is offered at present only in certain scientific fields as indicated below.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

The satisfactory completion of one hundred thirty-six semester hours and one hundred thirty-six quality points is required for the degree of Bachelor of Arts. The one hundred

thirty-six semester hours are to be distributed as follows:

1. Basic Subjects.

Semester Hours

English Composition Literature	6 6
Science	
Physical Science	3
General Biology	3
Human Biology	3
Foreign Language	12
Social Studies	15
Biblical Literature	3
Psychology	3
Fine Arts	2
Physical Education	4

Depending upon the entrance credits, placement tests, and the work of the first semester, the student may be excused from all or part of the following subjects: English composition, physical science, general biology, foreign language, and social studies.

Military science is required of all freshman and sophomore men students. Those who seek to be excused must file a written request with the President, the same to be endorsed by the parents of the student seeking exemption.

2. A Major. This consists of not less than eighteen semester hours of C grade or better (in any one of the major departments) in addition to the introductory course or courses in that department. Where a department does not offer a major, it is so stated under Courses of Instruction. Introductory courses in each department are marked with an asterisk. Where a choice is given for introductory courses, if one course is taken as introductory, the second may count toward the major requirements. Where, in a few cases, a course may not be counted toward a major, it is so designated under Courses of Instruction. Not more than thirty semester hours in one department beyond the introductory courses will be credited toward the degree of Bachelor of Arts, except that a maximum of thirty-six such semester hours may be credited to students who are candidates for graduation honors. Majors must be chosen and the choices reported to the Registrar early in the second semester of the sophomore year.

- 3. A MINOR. (None is required in the pre-medical course.) This may be either:
 - a. A Department Minor, consisting of at least ten semester hours of C grade or better in any one department other than the one selected for a major, in addition to the introductory course or courses in that department; or
 - b. A Group Minor, consisting of at least six semester hours of C grade or better in addition to the introductory course or courses in each of two related departments other than the major department. In either case, the choice of a minor must be approved by the student's counselor, and must be reported to the Registrar early in the second semester of the sophomore year.

The departments in which a student may have a minor, either departmental or group, are: all the major departments, Education, German, Library, Science, Physical Education, Political Science, and Spanish.

4. ELECTIVES. Enough additional semester hours to total one hundred thirty-six, selected from any department, with the approval of the student's counselor. Those who are candidates for a certificate to teach in the secondary schools must include at least eighteen semester hours of education courses among their electives, must meet certification requirements in the subjects they expect to teach, and must be under the advice of the Department of Education as to allowable teaching subjects and combination of subjects.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

The satisfactory completion of one hundred thirty-six semester hours and one hundred thirty-six quality points is required for the degree of Bachelor of Science, which is offered in the Departments of Biology, Chemistry, Physics, and Home Economics. The one hundred thirty-six semester hours are to be distributed as follows:

1. Basic Subjects. The same as for the Bachelor of Arts degree except that the social studies requirement is reduced from fifteen to twelve semester hours.

- 2. A Major. The required courses for each department are stated under Courses of Instruction, and are in addition to the introductory course or courses. A grade of C or better is necessary in all credits toward a major.
- 3. Supporting Courses. The courses listed as Supporting Courses for the degree in the departmental offering under Courses of Instruction.
- 4. A MINOR. The same as for the Bachelor of Arts degree. These courses may be chosen from the Supporting Courses, in which case the grade requirements of the minor also apply.

The Accelerated Program

In normal procedure a degree is earned over a four-year period. Because of the present emergency a sequence of courses has been provided which makes possible the completion of the requirements for a degree in slightly less than three years. This is accomplished by attending college during the summer session. Students may enroll at the opening of the fall or the winter session or the summer term. While the accelerated program is elective the College continues to make it available for the benefit of veterans who may desire to complete their work for the degree in the shortest possible time.

Graduation Honors

The College grants two honor citations at graduation, Cum Laude and Summa Cum Laude. The attaining of these citations depends on the quality of work done, as outlined below.

CUM LAUDE

There are two ways of qualifying for this honor:

A. Students will be graduated Cum Laude who receive a grade of A in at least thirty percent of the total number of semester hours taken, a grade of B or better in not less than fifty additional percent of such hours, and not more than four semester hours in grades below C.

- B. Students will also be graduated Cum Laude who receive a grade of A in at least twenty percent of the total number of semester hours taken, a grade of B or better in not less than forty additional percent of such hours, and not more than four semester hours in grades below C, provided:
 - 1. That they select, with the permission of the department concerned, a subject for independent intensive study in one of the departments offering a major or in the Department of Education, and
 - 2. That this subject be selected not earlier than the end of the sophomore year nor later than the end of the junior year, and that the study be continued until graduation (as much as three semester hours per semester may be allowed for this special study toward the one hundred thirty-six semester hours required for graduation), and
 - 3. That the student pass a comprehensive examination in the department in which the special study is made.

SUMMA CUM LAUDE

This citation will be awarded to students who have met the grade requirements stated under Plan A above and have done the special work stated under Plan B above, and who are recommended by the department concerned as worthy of highest honors.

Awards

The following awards have been founded, and are bestowed annually at Commencement:

THE BATES PRIZE, founded in 1905 by Edward Bayley Bates, of the Class of 1898, in memory of Rev. Laurence Webster Bates, D.D., is a gold medal awarded to the member of the graduating class who has made the best record during his undergraduate course as a college man.

THE MARY WARD LEWIS PRIZE, founded in 1920 by the Browning Literary Society in honor of the wife of the second

1948 Awards

President of the College, is a gold medal awarded to the member of the graduating class who has made the best record during her undergraduate course as a college woman.

THE JOHN A. ALEXANDER MEDAL, founded in 1920 by the Class of 1917 in memory of John A. Alexander, a member of the Class of 1917, who died in the World War, is a gold medal awarded to the member of the graduating class who has made the best record in athletics.

THE LYNN F. GRUBER MEDAL, founded in 1925 by the Black and White Club as a memorial to Lynn F. Gruber, of the Class of 1926, is given for proficiency in extra-curricular activities.

THE ADELAIDE ERICHS WATSON PRIZE, established by her husband, Dr. Harry G. Watson, of the Class of 1889, is given to a member of the graduating class for excellence in Home Economics.

THE UNITED STATES HISTORY AWARD is established through a bequest by Mr. H. Peyton Gorsuch for students excelling in United States History. The founder's purpose is to increase interest in the historical background of the American nation.

Preparation for High School Teaching

The School of Education offers comprehensive curricula for the preparation of high school teachers of the academic subjects and of the special subjects: Art, Home Economics, Music, and Physical Education. Students preparing to teach plan their course and work under the guidance of the Education Faculty throughout the course. If the student carefully plans his program, he may qualify to teach two or more high school subjects, complete the professional requirements for certification in Maryland, and meet the requirements for the Bachelor's degree in the usual four years of the college course.

Only those students who rank academically in the upper four-fifths of the class are eligible to take the courses in Education. For further information refer to the departmental requirements under Courses of Instruction.

THE MASTER'S DEGREE

Western Maryland College offers programs leading to the degree of Master of Education to selected students interested in a fifth year of combined internship teaching and graduate study, and to selected teachers in service interested in meeting requirements for renewal of certificates or for additional certificates through part-time and summer session courses. For further information relative to these programs write to the Dean of the Faculty.

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GENERAL INFORMATION

REFERENCESERES

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Extracurricular Activities

STUDENT GOVERNMENT

Realizing the opportunity given during the four years in college to develop qualities of leadership and good citizenship, the Administration encourages student participation in self-government and in worthwhile extra-curricular activities. Representatives of the Student Government and the Faculty compose a Student Activities Committee which directs the varied social program of the college year.

Upon registration all students become members of either the Men's Student League or the Women's Student Government Association, which are organized to direct the conduct of students in all phases of college life. The governing bodies are composed of boards of student representatives.

HONOR SOCIETIES

The National Honorary Biological Fraternity, Beta Beta Beta, has established a chapter at Western Maryland College. A student majoring in biology may be initiated into the fraternity after he has obtained a total of ten semester hours credit in biology, provided this and all his other college work is of superior grade. Members are elected at the beginning of each semester by the active members of the chapter, on nomination by the faculty of the Biology Department.

A chapter of Tau Kappa Alpha, a national debating and public speaking fraternity, was established in the College in May, 1935. Juniors and seniors who have participated in as many as three intercollegiate or intramural speaking or debating contests are eligible for membership.

In 1935 there was organized at the College a local honor society named "The Argonauts." Fellowship in the society is reserved for those who graduate with the citation Cum Laude or Summa Cum Laude, but the activities of the organization on the campus are carried on chiefly by the associates, who are either candidates for graduation honors or have an average grade of B and have spent at least four semesters in this or another college of recognized standing. Meetings are held about once a month

to hear reports on scholarly investigations, and a banquet is held each spring in honor of the fellows.

RELIGIOUS ORGANIZATIONS

There are on the campus the Student Christian Association and the William G. Baker Sunday School.

ATHLETIC ORGANIZATIONS

Western Maryland sponsors several athletic teams, both intramural and intercollegiate. Football, basketball, baseball, and boxing are considered major sports for men; soccer, tennis, track, rifle, wrestling, and golf are the minor sports; touch-football, basketball, volleyball, handball, speedball, tennis, fencing, and similar sports are included in the intramural program.

Women's athletics are organized under the Women's Athletic Association. Hockey, basketball, baseball, volleyball, tennis, badminton, archery, golf, fencing, and hiking are among the sports included in the year's program. In addition to the above, horseback riding is available at a stable adjoining the campus.

SOCIAL FRATERNITIES AND SORORITIES

There are eight of these organizations on the campus, all of them of local origin: Alpha Gamma Tau, Pi Alpha Alpha, Gamma Beta Chi, and Delta Pi Alpha for men; Delta Sigma Kappa, Phi Alpha Mu, Sigma Sigma Tau, and Iota Gamma Chi for women.

MISCELLANEOUS CLUBS

Among the organizations concerned with special interests may be mentioned the various music clubs, such as the Choir, the Glee Club, the Band, and the Orchestra; the Art Club; the College Players; the Home Economics Club; Le Cercle Francais; the Camera Club; the International Relations Club; the Economics Club; the Alpha Delta Lambda, a student club in physical sciences; the R.O.T.C. Officers Club; the Wesleyans, an association of ministerial students.

STUDENT PUBLICATIONS

The Gold Bug is a weekly paper sponsored by the students of the College. The Aloha, the student annual, is edited and published by the senior class.

CONCERT AND LECTURE PROGRAM

The College regularly invites speakers of note to address the student body on subjects of general or scholarly interest. A series of musical and dramatic programs features not only members of the Departments of Music and Drama, but outstanding guest artists. One of the annual events is the concert by the National Symphony Orchestra under the direction of Hans Kindler.

Expenses

While the regular college year consists of two semesters and students are billed on this basis, charges are made upon the supposition that a student will attend the entire year. Since the budget of the College for the year is built on this assumption, no refund can be given to those withdrawing during the year. Allowance, however, will be made for board in the case of students absent from college for a continuous period in excess of three weeks. Bills are due when presented and students will not be advanced from one class to another nor be graduated until accounts are settled in full.

The tuition charge for the semester is \$175. Board and room (depending on room selection) range from \$206 to \$243.50 for a semester. (The college reserves the right to increase the amount for board if food costs rise.) An extra tuition charge of \$45 per semester is made for private instruction in voice, piano, organ, and violin. Certain courses in Art and in Dramatic Art, where there is individual instruction, carry a small extra

tuition charge as listed under Courses of Instruction.

A registration fee of \$5 is charged each student. An advance deposit of \$50 on the room and board charge is required annually from each boarding student prior to the opening of the first semester upon notification from the College. This deposit is not refundable. Boarding students pay a breakage deposit of \$10, day students \$5 (not refundable to those withdrawing from college

before the end of the year). An activities fee of \$25 is payable annually. Laboratory fees for courses in science are given under each course description. A health fee of \$3.50 is required annually of all boarding students entitling them to the services of the nurse and the use of the infirmary up to seven days. A charge of \$1.50 per day is made for use of the infirmary in excess of seven days. Music practice rooms for piano, violin, and voice, carry a fee of \$5 per daily hour per semester; organ, \$7.50.

MISCELLANEOUS FEES

Education Fee, Seniors\$	50.00
Vocational Guidance Service (optional)	5.00
Late Registration	2.00
Change of Course	1.00
Change of Grade	1.00
Diploma	8.00
Transcripts of Record (each)	1.00

Total charges for all necessary college expenses (including text books, which may be purchased at the college bookstore) vary from \$825 to \$925 for the regular college year.

Scholarships

STUDENT AID

Western Maryland College has available a few self-help positions for worthy and needy students. Juniors and seniors in good standing may use the Student Loan Fund. Applicants for student aid and those interested in scholarship help may address their inquiries to the President.

STATE SCHOLARSHIPS

An Act of the General Assembly of Maryland enables the College to furnish tuition and board free to two students (one young man and one young woman) from each county of the State and from each legislative district of Baltimore City. A scholarship cannot be held by the same student for more than four years, nor beyond the time of receiving a Bachelor's degree, and the holder is required to give bond to the State of Maryland for such amount, with such security as may be approved by the College, that he, or she, will teach school within the State for not

1948 Scholarships

less than two years after leaving College. In order to enable the College to carry out fully the intention of the Act of the Legislature providing for these scholarships, it is highly important that only those students be appointed who are graduates of accredited four-year high schools, whose scholarship meets the requirements for recommendation of the State Department of Education, and who desire to qualify as high school teachers in the State of Maryland. A medical examination for the Teachers' Retirement System should be required before an appointment is made.

Candidates for these scholarships residing in Montgomery and Prince George's Counties should apply to their respective county Boards of Education for information regarding the competitive examination; candidates residing in the other counties and in the districts of Baltimore City should apply to the Registrar of the College for this information.

COURSES OF INSTRUCTION

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Courses of Instruction

Courses are designated by departments and a three digit system of numerals. The first, or hundreds, digit in a number indicates the class standing that a student must attain to be eligible for the course. Freshmen may not register for any course numbered 200, or above; sophomores, 300 or above; juniors, 400.†

Single numerals (e.g., 101) designate semester courses. Two numerals indicate a year course. Courses designated by odd numbers are offered the first semester, those by even numbers the second semester. A course numeral succeeded by the letter R (e.g., 101R) indicates that it is offered each term.

A semicolon is used to separate the numerals (e.g., 103: 104) when each half year's work may be taken independently of the other and credit received for the work of a single semester.

A comma placed between the numerals (e.g., 105, 106) indicates that the work of the first semester is prerequisite to that of the second but credit may be received for the work of the first semester without the completion of the work of the second.

Hyphenated numerals (e.g., 107-108) indicate year courses for which no credit is given until the work of both semesters has

been completed.

An asterisk placed before the course designation (e.g., *101) indicates that the work is considered introductory in relation to major and minor requirements.

ART

Assistant Professors MacDonald and Shipley APPLIED ART

*103, 104. ELEMENTARY DRAWING.

An introductory course designed to give training for the correct visualization and representation of forms through line, tone, and the principles of perspective. Extra tuition fee, \$5.00 each semester.

One two-hour period a week. Credit, one semester hour each semester.

*105, 106. ELEMENTARY DESIGN.

An introductory study of design principles and the application of these principles to everyday life.

One two-hour period a week. Credit, one semester hour each semester.

[†]Exceptions may be permitted only by the Dean of the Faculty in cases of unusual program adjustments.

202. CRAFTS.

Extra tuition fee, \$5.00 each semester. Laboratory fee, \$2.50.

One two-hour period a week. Credit, one semester hour.

203. ADVANCED DRAWING.

Prerequisite, Art 103, 104, or its equivalent. Extra tuition fee, \$5.00.

One two-hour period a week. Credit, one semester hour.

207. TEXTILE CRAFTS.

Extra tuition fee, \$5.00.

One two-hour period a week. Credit, one semester hour.

301, 302. ADVANCED DESIGN.

Prerequisite, Art 205, 206. Extra tuition fee, \$10.00 each

semester.

Two two-hour periods a week. Credit, two semester hours each semester.

303. ETCHING.

Prerequisite, Art 103, 104. Extra tuition fee, \$5.00. One two-hour period a week. Credit, one semester hour.

304. CLAY MODELING. Extra tuition fee, \$5.00.

One two-hour period a week. Credit, one semester hour.

306. ILLUSTRATION.

Prerequisite, Art 103, 104. Extra tuition fee, \$5.00. One period a week. Credit, one semester hour.

308. WATER COLOR PAINTING.

Prerequisite, Art 103, 104. Extra tuition fee, \$5.00. One two-hour period a week. Credit, one semester hour.

401, 402. OIL PAINTING.

Prerequisite, Art 103, 104. Extra tuition fee, \$10.00 each

semester.

Two two-hour periods a week. Credit, two semester hours each semester.

HISTORY OF ART

*111: 112. HISTORY OF ART.

A general survey of the development of architecture, sculpture, and painting in relation to their cultural backgrounds.

Two periods a week. Credit, one semester hour each semes-

ter.

211. Greek and Roman Art.

Two periods a week. Credit, two semester hours.

Alternates with Art 219. Not offered in 1948-1949.

212. MEDIEVAL ART.

Two periods a week. Credit, two semester hours. Alternates with Art 220. Not offered in 1948-1949.

215. AMERICAN ART.

Two periods a week. Credit, two semester hours. Alternates with Art 217. Not offered in 1948-1949.

216. CRITICISM AND THE CONTEMPORARY ARTS.

Principles of taste, theories of criticism and aesthetics, and their application to the various fine arts.

Two periods a week. Credit, two semester hours. Alternates with Art 218. Not offered in 1948-1949.

217. BAROQUE ART.

The Renaissance in northern and western Europe, and the art of the seventeenth and eighteenth centuries.

Two periods a week. Credit, two semester hours. Alternates with Art 215. Offered in 1948-1949.

218. EUROPEAN ART OF THE NINETEENTH AND TWENTIETH CENTURIES.

Two periods a week. Credit, two semester hours. Alternates with Art 216. Offered in 1948-1949.

219; 220. THE ITALIAN RENAISSANCE.

Two periods a week. Credit, two semester hours.

Alternates with Art 211; 212. Offered in 1948-1949.

351; 352; 451; 452. SPECIAL STUDIES IN ART.

Directed study planned and conducted with reference to the needs of those students who are candidates for graduation honors in Art. Qualified students who are not candidates for such honors, but who desire to take the course, are also admitted.

Seminars in archaeology will be offered from time to time emphasizing methods of archaeological investigation. The field of concentration will be chosen from the following: Topography, painting, and the minor arts.

Credit, one to three semester hours each semester, depend-

ing upon the quantity and quality of the work done.

ASTRONOMY

Associate Professor Free

No major or minor is offered in this field.

402. DESCRIPTIVE ASTRONOMY.

A non-mathematical study of the solar system, time, stars and constellations, nebulae, galaxies, and current celestial phenomena. Frequent observations are made in the College Observatory which is equipped with an equatorially mounted five-inch refractor.

Three times a week. Credit, three semester hours.

BIOLOGY

Professor Bertholf*; Associate Professors Bennighof and Isanogle; Miss O'Rourk

Requirements for the Degree of Bachelor of Science: Major Courses, Biology, twenty-seven semester hours of Biology in addition to the Introductory Courses. Supporting Courses, Chemistry 201, 202, 301, 302, 303, 304; Mathematics 101, 102; Physics 201, 202; French or (preferably) German, two college years or the equivalent.

*101. GENERAL BIOLOGY.

An introductory study of biological principles illustrated by selected forms from the plant and animal kingdoms. Either this course or its parallel, Biology 103, is required of all freshmen who have had no biology in secondary school, or who fail to show in the entrance test sufficient knowledge of the subject to go on with Biology 102 or Biology 104. Laboratory fee, \$5.00.

Two class periods and one three-hour laboratory period a

week. Credit, three semester hours.

*102. INTRODUCTORY HUMAN BIOLOGY.

A study of biological principles as illustrated primarily in the human being; origin of the race and of the individual, fundamental structure and physiology of the body, reproduction, inheritance, survival against disease. Required of all freshmen except those who take Biology 104. Prerequisite, Biology 101 or its equivalent. Laboratory fee, \$5.00.

Two class periods and one three-hour laboratory period a

week. Credit, three semester hours.

^{*}Resigned at the close of the first semester 1947-1948.

103. GENERAL BIOLOGY SURVEY.

A broad cultural course dealing with the relation of the living to the non-living and of various types of organisms to each other. Designed as a substitute for Biology 101 for all who expect to take only one year's work in the department. Materials fee, \$3.00.

Three class or demonstration periods a week. Credit, three

semester hours.

104. HUMAN BIOLOGY SURVEY.

A parallel course to Biology 102 and may be substituted for that course by all who expect to take no further work in the department. Prerequisite, Biology 101 or 103 or their equivalent. Materials fee, \$3.00.

Three class or demonstration periods a week. Credit, three

semester hours.

201. INVERTEBRATE ZOOLOGY.

Morphological and systematic study of representative forms from the various phyla of invertebrate animals. Special attention is given to fauna of local interest, including terrestrial, fresh-water, and marine forms. Laboratory fee, \$5.00.

Two class periods and one three-hour laboratory period a

week. Credit, three semester hours.

202. GENERAL SYSTEMATIC BOTANY.

A study of the structure and reproduction of typical plants from all phyla, with special emphasis on the flowering plants. Considerable time in the spring is given to the collection and study of local flora. Laboratory fee, \$5.00.

Two class periods and one three-hour laboratory period a

week. Credit, three semester hours.

204. GENETICS.

Primarily a study of the laws of inheritance, this course also deals with the related subjects of evolution and with some philosophical problems arising from the study.

Three periods a week. Credit, three semester hours.

301. VERTEBRATE EMBRYOLOGY.

A study of comparative vertebrate development as seen in frog, chick, and pig. The course includes training in the tech-

nique of making permanently mounted serial sections of embryos. Laboratory fee, \$5.00.

One class period and two three-hour laboratory periods a

week. Credit, three semester hours.

302. COMPARATIVE ANATOMY OF VERTEBRATES.

A systematic study of the gross anatomy of type specimens from the fishes, amphibia, reptiles, birds, and mammals. Prerequisite, Biology 301, except by special permission of the instructor. Laboratory fee, \$10.00.

One class period and two three-hour laboratory periods a

week. Credit, three semester hours.

304. MAMMALIAN PHYSIOLOGY.

The study of the mechanics of the animal organism, particularly the mammal: its use of food, response to stimuli, self-regulation; foods, digestion, absorption, circulation, respiration, excretion, muscle action, nervous coordination, endocrine regulation, etc., from a physical and chemical point of view. Prerequisite, Chemistry 201, 202 or 203, 204; some knowledge of organic chemistry is highly desirable.

Three class periods a week. Credit, three semester hours.

304a. ANATOMY OF THE CAT.

Laboratory dissection of the cat, and comparison with human anatomy. Required of all who take Biology 304, unless they have previously had Biology 302. Laboratory fee, \$5.00.

One three-hour laboratory period a week. Credit, one se-

mester hour.

305. Animal Ecology and Behavior.

A study of the relation of animals to their surroundings: the effect upon animal life of the various ecological factors, such as presence of water, temperature, light, physical and chemical conditions of the air and soil, climatic and biotic factors and the special adaptations of animals for meeting these factors. Particular stress is placed on the field work, in which much attention is paid to the insect life of the vicinity, the habitat in which an insect is found, the taxonomy of insects, the reasons for the various associations. Laboratory fee, \$5.00.

Two class periods and one three-hour laboratory or field

period a week. Credit, three semester hours.

306. PLANT ECOLOGY AND PHYSIOLOGY.

A study of plants in relation to their environment from a physiological point of view; types of habitat, plant associations and successions. Part of the laboratory work is devoted to physiological experiments, part to field study in ecology. Prerequisites, Biology 202 and Chemistry 201, 202 or 203, 204. Laboratory fee, \$5.00.

Two class periods and one-three-hour laboratory or field

period a week. Credit, three semester hours.

Alternates with Biology 308. Offered in 1948-1949.

307. MICROBIOLOGY.

An introductory course giving training in bacteriological technique and sanitation, with some study of yeasts and molds. Morphological and physiological characteristics of ordinary types of bacteria leading to their identification; sanitary analysis of milk and water; bacteriology of foods. Prerequisite, Chemistry 201, 202 or 203, 204. Laboratory fee \$6.00.

Three class periods and one three-hour laboratory period a

week. Credit, four semester hours.

308. APPLIED MICROBIOLOGY.

A continuation of Biology 307, dealing with various applications of bacteriology such as foods, commercial products, the economy of nature, and public health. Non-pathogenic organisms are used for the most part in the laboratory, but diseases are considered in class. Prerequisite, Biology 307. Laboratory fee, \$6.00.

Two class periods and one three-hour laboratory period a

week. Credit, three semester hours.

Alternates with Biology 306. Not offered in 1948-1949.

309. ELEMENTARY HISTOLOGY.

A study of the cell and of the principal mammalian tissues, together with practice in the preparation of tissues for microscopic study. Laboratory fee, \$5.00.

One class period and one three-hour laboratory period a

week. Credit two semester hours.

311. ADVANCED ANATOMY.

The structure of the human body, particularly of the skeletal and muscular systems, based on the study of the skeletons and models in the laboratory. Designed especially for advanced students in Physical Education. Prerequisite, Biology 304a or 302.

Laboratory fee, \$5.00.

One class period and one three-hour laboratory period a week. Credit, two semester hours.

316. HISTORY OF BIOLOGY.

Once a week. Credit, one semester hour.

351; 352; 451; 452. SPECIAL STUDIES IN BIOLOGY.

Directed individual study of various biological problems as the interest and previous preparation of the student may suggest. Conducted primarily for honors students, but other qualified students may be admitted with the consent of the Department. Laboratory fee, not more than \$5.00 each semester, depending on the nature of the course.

Credit, one to three semester hours each semester, depending upon the quantity and quality of the work done.

BETA BETA BETA

In addition to the formal courses, there is held a weekly biological discussion under the auspices of Tri-Beta. Students report on current theories, recent advances, the relation of biology to other sciences, biographies of great biologists, results of experiments or observations, and kindred subjects not ordinarily covered in the regular courses, as time or interest demands. All who expect to major or minor in biology are urged to attend.

CHEMISTRY

Professors Schofield and Straughn; Assistant Professor Elderdice

Requirements for the Degree of Bachelor of Science: Major Courses, Chemistry 301, 302, 303, 304, 401, 403, 404, 452. Supporting Courses, Mathematics 101, 102, 201, 202, 301, 302; Physics 201, 202; German 101-102, 103, 104 or the equivalent; French 101-102 or the equivalent.

*201, 202. GENERAL CHEMISTRY.

An elementary study of the fundamental laws and theories of chemistry; the chemistry of the more important elements and their compounds. Prerequisite, two units of high school algebra or the equivalent. Laboratory fee, \$7.50 each semester.

Three class periods and one four-hour laboratory period a

week. Credit, four semester hours each semester.

203, 204. Introductory Chemistry for Students in Home Economics.

A special course containing a larger proportion of organic chemistry than Chemistry 201, 202. Offered only to students in Home Economics. Prerequisite, two units of high school algebra or the equivalent. Laboratory fee, \$7.50 each semester.

Two class periods and one three-hour laboratory period a

week. Credit, three semester hours each semester.

301. QUALITATIVE ANALYSIS.

Cation and anion analysis, employing semimicro technique; the theory underlying the analytical procedure. Prerequisite, Chemistry 201, 202. Laboratory fee, \$10.00.

One class period and two three-hour laboratory periods a

week. Credit, three semester hours.

302. ELEMENTARY QUANTITATIVE ANALYSIS.

The theory and practice of typical volumetric and gravimetric analyses. Prerequisite, Chemistry 301. Laboratory fee, \$10.00.

One class period and two four-hour laboratory periods a week. Credit, three semester hours.

303, 304. ORGANIC CHEMISTRY.

A systematic study of the compounds of carbon; coordinated laboratory work on reactions, preparations, and qualitative analysis of organic compounds. Prerequisite, Chemistry 201, 202. Laboratory fee, \$6.00 or \$12.00 each semester. Breakage deposit. \$10.00.

Three class periods and one or two three-hour laboratory periods a week. Credit, four or five semester hours each semester, depending on the election of the laboratory work.

352; 451; 452. SPECIAL STUDIES IN CHEMISTRY.

Directed study of special topics. Elective for candidates for graduation honors in chemistry and for candidates for the degree of Bachelor of Science with a major in chemistry.

Credit, one to three semester hours each semester, depend-

ing on the quantity and quality of the work done.

401, 402. ADVANCED QUANTITATIVE ANALYSIS.

A continuation of Chemistry 302 and electroanalysis, combustion analysis, and colorimetry. Prerequisite, Chemistry 302. Laboratory fee, \$10.00 each semester.

One class period and two four-hour laboratory periods a

week. Credit, three semester hours each semester.

403, 404. PHYSICAL CHEMISTRY.

The properties of matter in the gaseous, liquid, and solid states; solutions; kinetics and thermodynamics of chemical reactions; electrochemistry. Prerequisites, Chemistry 302, Mathematics 202. Laboratory fee, \$6.00 each semester.

Three class periods and one three-hour laboratory period a

week. Credit, four semester hours each semester.

CLASSICS

Professor Ridington

A student may elect a major or a minor in either Greek or Latin.

GREEK

*101-102. ELEMENTARY GREEK.

A beginner's course for college students who have had no Greek. The course aims to provide an insight into the achievements of ancient Greece and to develop the power to read Greek.

Three periods a week. Credit, six semester hours.

201, 202. INTERMEDIATE GREEK.

First semester: Xenophon's Anabasis, Books I-II; second semester: Homer's Iliad, Books I-IV.

Three periods a week. Credit, three semester hours each semester.

221. GREEK LITERATURE IN ENGLISH TRANSLATION.

Readings largely from epic, drama, and literary criticism designed to provide a broad acquaintance with these phases of Greek literature and to clarify their position as a background of English literature. Knowledge of Greek is not required.

Three periods a week. Credit, three semester hours. This

course may not be counted toward a major in Greek.

222. GREEK LITERATURE IN ENGLISH TRANSLATION.

Readings from lyric poetry, philosophy, history, biography, and other fields with emphasis on the Greek spirit as a background of English literary tradition. Knowledge of Greek is not required.

Two periods a week. Credit, two semester hours. This

course may not be counted toward a major in Greek.

301; 302. LYCIAS AND PLATO.

First semester: Lycias' Orations; second semester: Plato's Apology and Crito.

Three periods a week. Credit, three semester hours each

semester.

351; 352; 451; 452. SPECIAL STUDIES IN GREEK.

Directed study planned and conducted with reference to the needs of those students who are candidates for graduation honors in Greek. Qualified students who are not candidates for such honors, but who desire to take the course, are also admitted.

Credit, one to three semester hours each semester, depend-

ing upon the quantity and quality of the work done.

401; 402. THUCYDIDES AND EURIPIDES.

First semester: Thucydides' History of the Peloponnesian War, Books VI-VII; second semester: Euripides' Medea and Sophocles' Antigone.

Three periods a week. Credit, three semester hours each

semester.

LATIN

*101-102. ELEMENTARY LATIN.

A beginner's course for college students who have had no Latin. This course is equivalent to the first two units of high school Latin. Some attention is given to Roman life and literature as well as to the Latin language and its place as a background for English.

Three periods a week. Credit, six semester hours.

*103, 104. INTERMEDIATE LATIN.

This course is equivalent to the last two units of high school Latin. First semester: Cicero's *Orations*; second semester: Vergil's *Aeneid*, Books I-VI.

Three periods a week. Credit, three semester hours each

semester.

105; 106. OVID AND LIVY.

First semester: selections from Ovid's Metamorphoses; second semester: Livy's History, Books XXI-XXII. Prerequisite, Latin 103, 104, or its equivalent.

Three periods a week. Credit, three semester hours each

semester.

107. CLASSICAL MYTHOLOGY.

A study designed to develop in the students a thorough knowledge of classical mythology and its influence and use in our civilization. Attention is given to the use of mythology in English literature, in contemporary papers and periodicals, in art, and in other phases of our culture. A knowledge of the Latin language is not required.

Three periods a week. Credit, three semester hours. This

course may not be counted toward a major in Latin.

109; 110. SURVEY OF ROMAN LITERATURE.

Selected readings from many of the great writers of prose and poetry. The development and significance of Roman literature is studied.

Three periods a week. Credit, three semester hours each

semester.

Alternates with Latin 201; 202. Not offered in 1948-1949.

201; 202. CICERO AND HORACE.

First semester: Cicero's De Amicitia, De Senectute and Letters; second semester: selections from Horace's Odes and Satires.

Three periods a week. Credit, three semester hours each sester

Alternates with Latin 109; 110. Offered in 1948-1949.

224. LATIN LITERATURE IN ENGLISH TRANSLATION.

A general survey of Roman literature with attention to its relation to other literatures, especially English. Knowledge of Latin is not required.

Three periods a week. Credit, three semester hours. This

course may not be counted toward a major in Latin.

301; 302. TACITUS AND ROMAN COMEDY.

First semester: Tacitus' Agricola and Germania; second semester: Plautus' Captivi and Terence's Phormio. Composition once a week throughout the year.

Three periods a week. Credit, three semester hours each

semester.

305. VERGIL.

Readings based chiefly on Books VI-XII of the Aeneid, but including selections from other portions of Vergil's writings. Attention is given to the development of Vergil's art as a writer and to the literary significance of the Aeneid.

Three periods a week. Credit, three semester hours.

351; 352; 451; 452. SPECIAL STUDIES IN LATIN.

Directed study planned and conducted with reference to the needs of those students who are candidates for graduation honors in Latin. Qualified students who are not candidates for such honors, but who desire to take the course, are also admitted.

Credit, one to three semester hours each semester, depend-

ing upon the quantity and quality of the work done.

DRAMATIC ART

Associate Professor Esther Smith No major or minor is offered in this field.

201, 202. INTERPRETATION.

A study of the art of interpreting literature, including analysis of material, voice training, elements of expressive action, imagery, motivation, and improvisation. Laboratory recitals are held each week, thus affording the students practical experience in platform and stage behavior. Each student receives individual instruction and criticism.

Two periods a week. Credit, one semester hour each se-

mester.

301, 302. PLAY PRODUCTION AND ACTING.

Theory and technique of play production: stage design, costuming, lighting, make-up, and directing. The one-act play is studied in class, and presented in public to give the students experience in acting. Body training is continued. The study of voice production and phonetics. Prerequisite, Dramatic Art 201, 202. Extra tuition fee, \$7.50 each semester.

One period a week. Credit, one semester hour each semes-

ter.

403, 404. DRAMATIC INTERPRETATION.

Survey study of the works of major dramatists and laboratory production of plays to illustrate this study. Principles of acting and character interpretation with private instruction adapted to the individual need and development of the student. Public presentation of full length plays. Prerequisite, Dramatic Art 301, 302. Extra tuition fee, \$7.50 each semester.

One period a week. Credit, two semester hours each semes-

ter.

ECONOMICS AND BUSINESS ADMINISTRATION

Professor Sarosi; Mr. Kuhns

Economics 201, 202 is a prerequisite to all courses numbered 301 and above.

106. ECONOMIC AND SOCIAL GEOGRAPHY.

A study of economic and social activity in relation to natural resources.

Three periods a week. Credit, three semester hours.

*201, 202. PRINCIPLES AND PROBLEMS OF ECONOMICS.

A study of the principles of economic organization and their application to economic problems. See note above.

Three periods a week. Credit, three semester hours each semester.

203, 204. ELEMENTARY ACCOUNTING.

The course covers a study of single proprietorship, partnership, corporation, manufacturing accounting, and accounting for non-profit organizations.

Three periods a week. Credit, three semester hours each semester.

208. PERSONNEL ADMINISTRATION.

Hiring, selection, and training of employees; representation plans; pension plans; incentives; unemployment; legal relationships. Prerequisite, Economics 201.

Three periods a week. Credit, three semester hours.

301. BUSINESS LAW.

Property, torts, contracts, agency, employer and employees, negotiable instruments, suretyship, insurance, bailments, carriers, sales, deeds, conveyances, mortgages, landlord and tenant, and business crimes.

Three periods a week. Credit, three semester hours each semester.

Alternate swith Economics 309. Not offered in 1948-1949.

303. TRANSPORTATION.

The development and principles of transportation. Three periods a week. Credit, three semester hours. Alternates with Economics 305. Offered in 1948-1949.

304. International Economics.

Principles of international trade and exchange; restrictions to trade; reciprocity, autarchy, international conflict.

Three periods a week. Credit, three semester hours. Alternates with Economics 306. Offered in 1948-1949.

305. LABOR PROBLEMS.

History, policies, and the significance of organized labor; methods of promoting industrial peace; development of labor legislation and social insurance.

Three periods a week. Credit, three semester hours. Alternates with Economics 303. Not offered in 1948-1949.

306. GOVERNMENT CONTROL OF BUSINESS.

Influence and control of government in economic life. Three periods a week. Credit, three semester hours. Alternates with Economics 304. Not offered in 1948-1949.

308. PRODUCTION MANAGEMENT.

This is a survey of the major managerial problems of the production departments of manufacturing enterprises.

Three periods a week. Credit, three semester hours. Alternates with Economics 320. Not offered in 1948-1949.

309. MONEY, CREDIT, AND BANKING.

History, principles, and effects of money, credit, and banking.

Three periods a week. Credit, three semester hours. Alternates with Economics 301. Offered in 1948-1949.

310. THE MATHEMATICS OF INVESTMENT. See Mathematics 310.

311. MARKETING.

Principles and activities involved in the flow of goods from producer to consumer; marketing policies, market research and analysis.

Three periods a week. Credit, three semester hours. Alternates with Economics 319. Offered in 1948-1949.

315. Introduction to Statistical Method. See Mathematics 315.

319. PUBLIC FINANCE AND TAXATION.

Principles and problems of taxation; the theory, character, and trend of public expenditures; the sources of public revenue

and public indebtedness—national, state, and local.

Three periods a week. Credit, three semester hours.

Alternates with Economics 311. Not offered in 1948-1949.

320. CORPORATION FINANCE.

Problems involved in the financial management of corporate business enterprise, particularly the financial aspects of promotion, current administration, expansion, failure and reorganization. Prerequisite, Economics 203, 204.

Three periods a week. Credit, three semester hours. Alternates with Economics 308. Offered in 1948-1949.

351; 352; 451; 452. SPECIAL STUDIES IN ECONOMICS.

The work is organized around the discussion group. Only those students are admitted who have demonstrated to the satisfaction of the department both the desire and the ability to do independent work. Students normally enter at the beginning of their junior year with the expectation of continuing during their senior year.

Credit, one to three semester hours each semester, depend-

ing upon the quantity and quality of the work done.

EDUCATION

Professor Stover; Associate Professors Mudge and Sara E. Smith

No major is offered in this field.

Requirements for Certificates in Academic Subjects. In order to secure a certificate to teach in the high schools of Maryland, the student must meet the following requirements of the State Department of Education:

1. Graduate from college in the upper four-fifths of his class.*

2. Complete the number of semester hours listed in two or more of the following fields:

	Sem. Hrs.
English	24
Social Studies	24
Distributed as follows:	
History, including American History 18	
Economics, Sociology, Political Science, or	
Geography6	
Mathematics	18
Including, preferably, College Algebra, Trig-	
onometry, Solid Geometry, Analytics.	
If any one or more of the first three subjects	

^{*}See page 42.

a been completed in high school

mentioned have been completed in high school,
the college credit required may be corresponding-
ly reduced, provided, however, that the mathe-
ematics courses pursued in college shall total at
least 12 semester hours.
Based, preferably, on four years of high school
Latin.
French
Based, preferably, on at least two years of high school French.
Chemistry
Biology
Physics
If any of the above three subjects have been
studied in high school, twelve semester hours col-
lege credit in the subject, plus six semester hours
in any other natural science, will be considered to
meet the requirements, although eighteen hours are urged.
High School Science
Six semester hours each of Chemistry, Phy-
sics, and Biology; at least twelve semester hours of one of these three sciences; and three
semester hours in other sciences.
General Science
Six semester hours each of Chemistry, Biology,
and Physics.
3. Meet the professional requirement of eighteen semes-
ter hours as follows:
Educational Psychology
Principles of High School Teaching
Special Methods, Observation, and Practice
Elective from recognized courses in Education
For a certificate in Art, Home Economics, Library Science, M
' Dhysical Education four years of work of college grade a

For a certificate in Art, Home Economics, Library Science, Music, or Physical Education, four years of work of college grade are required, at least thirty semester hours of which must be in the special subject in question. To qualify as a part-time librarian, a minimum of twelve semester hours of courses in Library Science is required. The program of work will be under the direction of the head of the department concerned.

The School of Education does not offer a major in Education. The student in Education majors in one of the subjects which he is preparing to teach. He may meet certificate requirements in several subjects other than the major and graduate with more than one minor.

Students preparing to teach should plan their work so that one semester of the senior year may be kept entirely free for professional training. Consideration will be given to the student's choice of semester, but the class must be divided into two approximately equal groups.

*303; 303R. EDUCATIONAL PSYCHOLOGY.

The characteristics of adolescence; increasing the effectiveness of learning; evaluating the outcomes of instruction. Prerequisite, Psychology 203.

Three periods a week. Credit, three semester hours.

*407; 407R. PRINCIPLES OF HIGH SCHOOL TEACHING.

The principles involved in the selection, organization, and

teaching of the subject matter of the high school.

Six periods a week, eight weeks. Credit, three semester hours.

409; 409R. STUDENT TEACHING.

Conference, observation, and participation in the high schools of Maryland. Extra tuition fee, \$50.00.

Four weeks. Credit, four semester hours.

411; 411R. GUIDANCE.

Principles and techniques of guidance by the homeroom and classroom teacher.

Four periods a week, eight weeks. Credit, two semester

413; 413R. AUDIO-VISUAL INSTRUCTION.

The study of available materials in these fields with a view to their effective use in the classroom and in life. Materials fee, \$2.00.

Eight periods a week, four weeks. Credit, two semester

hours.

415; 415R. THE JUNIOR HIGH SCHOOL.

Historical development; the curriculum, extra-curriculum; present status in Maryland; the small junior high school.

Eight periods a week, four weeks. Credit, two semester

hours.

417; 417R. CURRICULUM PRINCIPLES AND PRACTICES.

Contrasting conceptions of the curriculum. A survey of curriculum trends, and an evaluation of recent innovations in selected schools.

Eight periods a week, four weeks. Credit, two semester

hours.

SPECIAL METHODS OR TEACHING COURSES

All candidates for the high school teacher's certificate are required to complete courses in special methods in two teaching subjects. In these courses the candidate reviews and reorganizes the content of his teaching subjects in the construction of large-topic or unit assignments which can be taught effectively to high school pupils, and studies the methods and techniques of teaching the several subjects. Each course gives considerable attention to the organization of the subject treated and its place in the curriculum.

Four periods a week, eight weeks. Credit, two semester hours.

The courses, listed below, are taught by departmental teachers qualified to do this type of work.

421; 421R. THE TEACHING OF ENGLISH.

423; 423R. THE TEACHING OF FRENCH.

425; 425R. THE TEACHING OF MATHEMATICS.

427; 427R. THE TEACHING OF SCIENCE.

433; 433R. THE TEACHING OF LATIN.

435; 436. THE TEACHING OF ART.

437; 437R. THE TEACHING OF HISTORY AND SOCIAL SCIENCE.

For courses in the teaching of Home Economics, Music, Library Science, and Physical Education, and for additional courses creditable for teachers of these special subjects, refer to these departments under Courses of Instruction.

ENGLISH

Professors Makosky† and Marshall; Associate Professor Howery; Assistant Professors Hendren, Hendrickson, Lorenz, and Wenner*

Not more than eight semester hours of the following courses may be credited toward an English major: English 107, 217, 218, 221, 222, 224, 327, 328, 403, 404.

COMPOSITION

*101, 102. COMPOSITION.

A brief review of the principles of grammar and composi-

[†]On leave of absence, second semester, 1947-1948.

^{*}On leave of absence, 1947-1948.

tion; training in reading; the study of significant literature; regular practice in writing and speaking.

Three periods a week. Credit, three semester hours each

semester.

Note: Freshmen whose preparation justifies it may be excused from three or six hours of English 101, 102.

132. ADVANCED COMPOSITION.

A course in composition for students who wish to practice writing with a view to developing individual taste and ability. Admission to the class requires the consent of the instructor.

Three periods a week. Credit, three semester hours.

231. NEWS REPORTING AND EDITING.

A study in the work of the reporter with practice in writing and editing.

One period a week. Credit, one semester hour. Alternates with English 233. Offered in 1948-1949.

232. REVIEWING AND CRITICISM.

The fundamentals of criticism with application to the fields of music, art, drama, and books.

One period a week. Credit, one semester hour. Alternates with English 234. Offered in 1948-1949.

233. FEATURE WRITING.

A course in the technique of writing feature articles for newspapers and magazines; types of features, sources of ideas; writing and marketing.

One period a week. Credit, one semester hour.

Alternates with English 231. Not offered in 1948-1949.

234. NEWSPAPER MANAGEMENT AND MAKE-UP.

Newspaper organization, circulation, advertising, and promotion with some attention to typography and page make-up.

One period a week. Credit, one semester hour. Alternates with English 232. Not offered in 1948-1949.

431, 432. WRITING UNDER DIRECTION.

Work on an extensive project in one of the fields of creative writing, under the guidance of a member of the department.

One period a week. Credit, one semester hour each semester.

LITERATURE

105. Types of English Prose.

The critical reading of a recognized masterpiece in each of the major fields of prose.

Three periods a week. Credit, three semester hours.

106. Types of English Poetry.

The study of a limited number of poems illustrative of the major types of verse composition.

Three periods a week. Credit, three semester hours.

107. CLASSICAL MYTHOLOGY. See Latin 107.

*201, 202. SURVEY OF ENGLISH LITERATURE.

Readings from the literature of England, with a history of the literature, from the earliest period to the end of the nineteenth century.

Three periods a week. Credit, three semester hours each se-

mester.

207. THE PRINCIPLES OF POETRY.

A course designed to help the student understand and enjoy poetry.

Three periods a week. Credit, three semester hours.

200. SURVEY OF AMERICAN LITERATURE.

Readings from the literature of the United States, touching upon its backgrounds, with emphasis upon the achievements of the nineteenth century.

Three periods a week. Credit, three semester hours.

210. AMERICAN POETRY.

The major American poets from Freneau to Sandburg, against the background of their lives and their times.

Three periods a week. Credit, three semester hours. Alternates with English 216. Not offered in 1948-1949.

211: 212. THE ENGLISH NOVEL.

A study of the British novel from the early eighteenth century to the present, with special attention to the evolution of various types in the works of the major authors.

Three periods a week. Credit, three semester hours each se-

mester.

216. AMERICAN FICTION.

The development of the American novel from its beginnings to the present day. Readings and lectures.

Three periods a week. Credit, three semester hours.

Three periods a week. Credit, three semester hours. Alternates with English 210. Offered in 1948-1949.

217, 218. PRACTICAL DEBATING.

The analysis and discussion of questions chosen for the current year by the Debating Association of Pennsylvania Colleges, of which Western Maryland College is a member; the fundamentals of the theory of debate.

Individual participation. Credit, one semester hour each

semester.

221; 222. Greek Literature in English Translation. See Greek 221; 222.

224. LATIN LITERATURE IN ENGLISH TRANSLATION. See Latin 224.

301. BRITISH DRAMATIC LITERATURE.

A study of the British drama from the miracle plays to the end of the nineteenth century.

Three periods a week. Credit, three semester hours. Alternates with English 305. Offered in 1948-1949.

304. SHAKESPEARE.

Ten to twelve plays, three of them (one tragedy, one comedy, and one history) read intensively.

Three periods a week. Credit, three semester hours.

305. AMERICAN DRAMATIC LITERATURE.

The prevailing types and tendencies in the American drama from 1767 to 1914, in its relation to the stage and to dramatic conditions in the theatre.

Three periods a week. Credit, three semester hours. Alternates with English 301. Not offered in 1948-1949.

308. THE ENGLISH LANGUAGE.

A course in the sounds, vocabulary, forms, and structure of the English language, with special attention to current usage.

Three periods a week. Credit, three semester hours.

311. MASTERS IN LITERATURE.

A study of one major figure in English or American literature. A different subject is selected each year.

Three periods a week. Credit, three semester hours.

312. THE AGE OF CHAUCER.

Selections from the great British Mediaeval literature, with particular emphasis on the work of Chaucer.

Three periods a week. Credit, three semester hours.

Offered in 1948-1949 and in alternate years.

321. MILTON AND HIS CONTEMPORARIES.

Main currents of seventeenth-century literature, with particular emphasis on Milton's poetry and prose.

Three periods a week. Credit, three semester hours. Alternates with English 323. Not offered in 1948-1949.

322. EIGHTEENTH CENTURY LITERATURE.

Poetry and prose of the eighteenth century, with emphasis upon the Neo-classic writers and the forerunners of the Romantic Movement.

Three periods a week. Credit, three semester hours. Alternates with English 324. Not offered in 1948-1949.

323. ROMANTIC LITERATURE.

Major writers in British verse and prose from 1798 to 1832. Three periods a week. Credit, three semester hours. Alternates with English 321. Offered in 1948-1949.

324. VICTORIAN LITERATURE.

Poetry and prose which reflects the philosophies and social problems of the years between 1832 and 1900.

Three periods a week. Credit, three semester hours. Alternates with English 322. Offered in 1948-1949.

325. TWENTIETH CENTURY LITERATURE.

The main trends in recent literature, excluding the drama, as found in representative works of a considerable number of British and American writers.

Three periods a week. Credit, three semester hours.

326. CONTEMPORARY DRAMA.

The continental, British, and American drama from Ibsen to the present day.

Three periods a week. Credit, three semester hours.

327; 328. BOOK SELECTION.

See Library Science 327; 328.

403, 404. DRAMATIC INTERPRETATION. See Dramatic Art 403, 404.

351; 352; 451; 452. SPECIAL STUDIES IN ENGLISH.

Directed study planned and conducted with reference to the needs of those students who are candidates for graduation honors in English. Qualified students who are not candidates for such honors, but who desire to take the course, are also admitted. Candidates for honors are expected to begin their work in the junior year and to continue it through the senior year.

Credit, one to three semester hours each semester, depend-

ing upon the quality and the quantity of the work done.

FRENCH

See Modern Languages.

GENERAL SCIENCE

Professor Summers

No major or minor is offered in this field.

101: 102. PHYSICAL SCIENCE.

An integrated course of study selected from the fields of astronomy, chemistry, geology and physics. Demonstration equipment fee, \$2.00 per semester.

Three periods a week. Credit, three semester hours each

semester.

GEOLOGY

Associate Professor Isanogle No major or minor is offered in this field.

301. PHYSICAL GEOLOGY.

A study of the physical characteristics of the earth together

with the forces which build up and destroy them.

The class work is augmented by a study of specimens from the John W. Lee Mineral Collection and by field trips. Materials fee, \$2.50.

Three periods a week. Credit, three semester hours.

Not offered in 1948-1949.

GERMAN

See Modern Languages.

GREEK

See Classics.

HISTORY AND POLITICAL SCIENCE

Professor Whitfield; Assistant Professors Hurt and Robb

A student may elect a major or a minor in History; Political Science may be elected only as a minor.

HISTORY

Any two of the courses marked with an asterisk are to be considered as Introductory Courses for a major or a minor in History.

*101. GREEK HISTORY.

This course includes a brief survey of ancient civilizations as a background for Greek History.

Three periods a week. Credit, three semester hours.

- *102. ROMAN HISTORY.

 Three periods a week. Credit, three semester hours.
- *103. EUROPEAN HISTORY, 1815-1914.

 Three periods a week. Credit, three semester hours.
- *104. Europe Since 1914.

 Prerequisite, History 103.

 Three periods a week. Credit, three semester hours.
- 201. MEDIEVAL EUROPEAN HISTORY, 476-1500.

 Three periods a week. Credit, three semester hours.
- 202. European History, 1500-1815.

 Three periods a week. Credit, three semester hours.
- 203. HISTORY OF THE UNITED STATES TO 1865.

 Three periods a week. Credit, three semester hours.
- 204. HISTORY OF THE UNITED STATES SINCE 1865.

 Three periods a week. Credit, three semester hours.
- 303. AMERICAN FOREIGN POLICY.
 A history of American diplomacy from 1776 to the present
 Three periods a week. Credit, three semester hours.
 Alternates with History 307. Offered in 1948-1949.

304. LATIN AMERICAN HISTORY.

Three periods a week. Credit, three semester hours.

Alternates with History 308. Offered in 1948-1949.

307. ECONOMIC AND SOCIAL HISTORY OF THE UNITED STATES SINCE 1865.

Three periods a week. Credit, three semester hours.

Alternates with History 303. Not offered in 1948-1949.

308. HISTORY OF ENGLAND.

A study of English history from Henry VII to the present.

Three periods a week. Credit, three semester hours.

Alternates with History 304. Not offered in 1948-1949.

351; 352; 451; 452. SPECIAL STUDIES IN HISTORY AND POLITICAL SCIENCE.

The work is organized around the discussion group. Only those students are admitted who have demonstrated to the satisfaction of the Department both the desire and the ability to do independent work. Students normally enter at the beginning of their junior year with the expectation of continuing during their senior year.

Credit, one to three semester hours each semester, depend-

ing upon the quantity and quality of the work done.

POLITICAL SCIENCE

No major is offered in this field.

*102. CONTEMPORARY WORLD POLITICS.

A study of contemporary world politics with emphasis on national, imperialistic, and ideological factors involved.

Three periods a week. Credit, three semester hours.

*103. AMERICAN NATIONAL GOVERNMENT.
National political institutions with emphasis on the history, structure, and functions of the federal government.

Three periods a week. Credit, three semester hours.

202. STATE AND LOCAL GOVERNMENT.

State, county, and municipal government, with particular reference to governmental problems of the State of Maryland.

Three periods a week. Credit, three semester hours.

203. International Organization.

Basic problems in international relations and organization with appropriate analysis of the procedures and institutions in world cooperation.

Three periods a week. Credit, three semester hours.

303. FAR EASTERN RELATIONS.

International relations against the background of historic, economic, and strategic factors in Eastern Asia.

Three periods a week. Credit, three semester hours. Alternates with Political Science 305. Not offered in 1948-1949.

305. PUBLIC ADMINISTRATION.

Prerequisite, Political Science 103.

Three periods a week. Credit, three semester hours.

Alternates with Political Science 303. Offered in 1948-1949.

306. COMPARATIVE GOVERNMENT.

Analysis and comparison of the political institutions and methods of democratic and authoritarian governments.

Three periods a week. Credit, three semester hours. Alternates with Political Science 308. Offered in 1948-1949.

308. CONSTITUTIONAL LAW.

Prerequisite, Political Science 103.

Three periods a week. Credit, three semester hours.
Alternates with Political Science 306. Not offered in 1948-1949.

HOME ECONOMICS

Professor Daisy W. Smith; Assistant Professor Gray; Mrs. Raver† and Mrs. Schofield*

Requirements for the Degree of Bachelor of Science: Major Courses, Home Economics, any 27 semester hours in addition to the Introductory Courses. Supporting courses, Art 105, 106; Biology 304, 304a, 307; Chemistry 201, 202, 303, 304; Education 303; Physics 311, 312; Sociology 101, 202.

Requirements for a certificate to teach Vocational Home Economics in the high schools of Maryland: Home Economics, thirty semester hours, including the Introductory Courses; Art 105, 106, 202, 207; Biology 304, 304a, 307; Chemistry 201, 202 or 203, 204; Physics 311, 312; Sociology 101, 202.

^{*}First Semester 1947-1948. †Second Semester 1947-1948.

*101. ELEMENTARY FOODS.

The application of general principles of cookery; food preservation. Laboratory fee, \$12.00.

One class period and two three-hour laboratory periods a

week. Credit, three semester hours.

Note: All students taking foods courses are required to wear plain white uniforms and a net to cover the hair.

*102. ELEMENTARY CLOTHING AND TEXTILES.

Study of textile fibers and home methods of testing materials as background for intelligent buying. Emphasis on construction processes applied to the making of washable garments, and on clothing conservation. Laboratory fee, \$2.50.

One class period and two three-hour laboratory periods a

week. Credit, three semester hours.

201. CLOTHING.

Clothing selection and techniques of construction as applied to wool and rayon garments. Elementary flat pattern designing. Prerequisite, Home Economics 102. Laboratory fee, \$2.50.

One class period and two three-hour laboratory periods a

week. Credit, three semester hours.

202. Foods.

The planning, preparation, and serving of meals, with emphasis or present-day food problems. A study of elementary nutrition. Prerequisite, Home Economics 101. Laboratory fee, \$12.00.

One class period and two three-hour laboratory periods a

week. Credit, three semester hours.

301, 302. NUTRITION.

A study of the essentials of an adequate diet; food requirements and dietaries for different ages and family groups; nutritive values of common food materials. Prerequisites, Home Economics 202, and Chemistry 203, 204. Laboratory fee, \$6.00, second semester.

Two class periods a week the first semester. One class period and one three-hour laboratory period a week the second semes-

ter. Credit, two semester hours each semester.

303. HOUSE PLANNING AND FURNISHING.

A study of the principles of house planning and construction with emphasis on current trends in housing. The application of the principles of design and color in home furnishings.

Laboratory fee, \$2.50.

Two class periods and one three-hour laboratory period a week. A field trip is required. Credit, three semester hours.

306. Unit 1. Home Nursing.

The purpose of this unit is to teach the principles involved in the prevention and care of illness in the home.

UNIT 2. THE SCHOOL LUNCH.

A study of the problems connected with the selection, preparation, and serving of the school lunch. Laboratory fee, \$3.00.

Two periods a week. Credit, two semester hours.

308. HOME MANAGEMENT.

The systematic planning of the daily routine in the home; management of time, energy, and money; selection, use, and care of household equipment; problems of family living.

Two periods a week. Credit, two semester hours.

351; 352; 451; 452. SPECIAL STUDIES IN HOME ECONOMICS.

Directed study planned and conducted with reference to the needs of those who are candidates for graduation honors in Home Economics. Qualified students who are not candidates for such honors but who desire to take the course are also admitted. Candidates for honors are expected to begin work in the junior year and to continue it through the senior year.

The class usually meets once a week for one and one-half to two hours. Credit, one to three hours each semester, depending

upon the quantity and quality of the work done.

403. MANAGEMENT HOUSE.

Students taking this course live in the management house and carry on the work of a home. Planning and preparation of meals, marketing, household accounting, hospitality, and group living. Prerequisite, Home Economics 301, 302. Laboratory fee for day students \$42.00; boarding students \$14.00.

Six weeks in residence. One class period and two group

conference periods a week. Credit, three semester hours.

404. CHILD DEVELOPMENT.

A study of the care and training of children which will

bring them to the best physical, mental, emotional, and social development.

Two class periods and three hours of participation in the

nursery school a week. Credit, three semester hours.

Note: Students studying for the high school teacher's certificate should take the course in their junior year.

405. ADVANCED CLOTHING AND COSTUME DESIGN.

Practical application of the principles of design, color, and texture through flat pattern designing and tailoring problems. Study of related problems in consumer buying. Prerequisites, Home Economics 102 and 201. Laboratory fee, \$2.50.

One class period and two three-hour laboratory periods a

week. Credit, three semester hours.

407. Institution Management.

A study of institution organization, administration, equipment, personnel management; a study of the production, marketing, and serving of food supplies; the essential principles of institution accounting. Field trips to hospitals, cafeterias, school lunch rooms, markets, and wholesale establishments.

Three periods a week. Credit, three semester hours.

408. QUANTITY COOKERY.

Special consideration is given to the preparation and serving of food in large quantities; menu planning is studied from the viewpoint of nutritive and economic values; meals are planned, service supervised, and practical work is done in the kitchen and bakery of the college dining hall. Prerequisite, Home Economics 302.

One class period and individual laboratory assignments.

Credit, three semester hours.

429, 430. METHODS AND PRACTICE TEACHING.

A study of the methods of teaching Home Economics in the junior and senior high schools. This course culminates in a substantial period of observation and practice teaching. A home project is required for each student.

Two periods a week. Credit, two semester hours each se-

mester.

LATIN

See Classics.

LIBRARY SCIENCE

Professor Simkins; Miss Firor

No major is offered in this field.

*305. REFERENCE AND BIBLIOGRAPHY.

Evaluation and use of various types of reference material, including general reference works, special subject books, the vertical file, and the periodical. Problems are based on the material studied.

Three periods a week. Credit, three semester hours. Alternates with Library Science 323. Offered in 1948-1949.

310. HISTORY OF BOOKS AND PRINTING.

Development of the book from the earliest pictographic writing to the present day.

One period a week. Credit, one semester hour each semes-

ter.

Alternates with Library Science 328. Offered in 1948-1949.

313. PRACTICE WORK WITH SUPERVISED TEACHING.

Directed practice and teaching in the Westminster High School Library.

Four periods a week. Credit, two semester hours.

*321. CATALOGING AND CLASSIFICATION.

Principles and techniques of cataloging books, with special reference to the school library.

Three class periods and one two-hour laboratory period a

week. Credit, three semester hours.

Alternates with Library Science 327. Offered in 1948-1949.

323. Administration of School Libraries.

A study of the problems of organizing and administering the school library, including the responsibility and the opportunity of the library in carrying out the educational objectives of the school program.

Three periods a week. Credit, three semester hours.

Alternates with Library Science 305. Not offered in 1948-1949.

327. BOOK SELECTION.

A study of the various types of literature and the criteria for its selection for the high school library. Includes a discussion of publishers and book buying, the use of book selection tools, the making of oral reports, booklists and annotations.

Three periods a week. Credit, three semester hours.

Alternates with Library Science 321. Not offered in 1948-1949.

328. BOOK SELECTION.

A continuation of Library Science 327, with special emphasis on elementary school libraries. Includes the history of children's literature.

Three periods a week. Credit, three semester hours. Alternates with Library Science 310. Not offered in 1948-1949.

MATHEMATICS

Professor Spicer; Associate Professor Free; Miss Bobbitt

*101; 101R. COLLEGE ALGEBRA.

Prerequisite, two units of high school algebra or the equivalent.

Three periods a week. Credit, three semester hours.

*102. TRIGONOMETRY.

Three periods a week. Credit, three semester hours.

105. INTERMEDIATE ALGEBRA.

A course designed for students entering with one or one and a half units of high school algebra.

Three periods a week. Credit, three semester hours.

106. SOLID GEOMETRY.

Three periods a week. Credit, three semester hours. Not offered in 1948-1949.

201. ANALYTIC GEOMETRY.

Three periods a week. Credit, three semester hours.

202. ELEMENTARY CALCULUS.

The fundamental formulae of differentiation and integration with their applications.

Three periods a week. Credit, three semester hours.

301, 302. ADVANCED CALCULUS.

Definite integrals and applications, series, expansion of functions, hyperbolic functions, partial differentiation and applications, multiple integrals.

Three periods a week. Credit, three semester hours each

semester.

303. ADVANCED ANALYTIC GEOMETRY.

Selected topics in plane geometry; and three dimensional geometry.

Three periods a week. Credit, three semester hours. Alternates with Mathematics 307. Offered in 1948-1949.

306. HISTORY OF MATHEMATICS.

One period a week. Credit, one semester hour.

307. HIGHER ALGEBRA.

Complex magnitudes, probability, determinants and applications, matrices.

Three periods a week. Credit, three semester hours. Alternates with Mathematics 303. Not offered in 1948-1949.

310. THE MATHEMATICS OF INVESTMENT.

A study of simple and compound interest, discount, annuities, sinking fund, bonds, and life insurance.

Three periods a week. Credit, three semester hours.

315. INTRODUCTION TO STATISTICAL METHOD.

An application of statistical methods to the fields of economics, education, psychology, and health. Measures of central tendency, dispersion, and skewness. Frequency distributions, graphs, the probability curve, and correlation. Time series, seasonal variation, trends, curve fitting, and forecasting. Prerequisite, two units of high school algebra or the equivalent.

Three periods a week. Credit, three semester hours.

351; 352; 451; 452. SPECIAL STUDIES IN MATHEMATICS.

A directed study of some phase of mathematics in which the

student finds an interest.

At least one hour of conference and report a week. Credit, one to three semester hours each semester, depending upon the quantity and quality of the work done.

401. DIFFERENTIAL EQUATIONS.

Three periods a week. Credit, three semester hours.

MECHANICAL DRAWING

Mrs. Marshall

No major or minor is offered in this field.

101, 102. GRAPHICS.

Free-hand lettering, techniques of mechanical drafting, practical applications of descriptive geometry, development of sur-

faces and types of projection. Laboratory fee, \$3.00 each semester.

One three-hour laboratory period a week. Credit, one semester hour each semester.

PRE-MEDICAL COURSE

Western Maryland College is one of the colleges approved by the American Medical Association for the giving of a premedical course. All the better medical schools either specifically require a baccalaureate degree for entrance or give preference to students who hold such a degree. On the basis of the requirements of such schools the following courses beyond the basic requirements have been prescribed for a pre-medical major at Western Maryland College:

Biology 301, 302 (201, 204, 304, and 309 recommended); Chemistry 201, 202, 301, 302, 303, 304 (403, 404 recommended); Physics 201, 202 (301 recommended); Mathematics, six semester hours (six additional semester hours recommended); French or German, the equivalent of two college years (some schools require both French and German). Electives should include at least six semester hours of Social Studies beyond the basic requirements and, if possible, additional courses in Psychology, Philosophy, and Literature.

MILITARY SCIENCE AND TACTICS

Colonel Smith; Major Du Bose

No major or minor is offered in this field.

In 1919 the War Department authorized the establishment at this college of a Senior Unit of the Reserve Officers Training Corps. All students who are physically fit are required, upon registration, to become members of the Corps and take the elementary courses (Military Science 101, 102, 201, 202), unless excused by the President.*

The necessary texts, equipment and a complete uniform, are supplied by the Federal Government at no expense to the student.

The advanced course is offered to those students who have completed the elementary course or received credit for the same through active service in the Army, Navy, Marine Corps, or Coast Guard. They must be selected by the Professor of Military Science and Tactics and the President of the College.

101, 102.

World military situation, military organization, hygiene and first aid, leadership, drill and exercise of command, marksman-

^{*}See page 37.

ship, maps and aerial photographs. Required of freshmen men.

Four periods of class and laboratory work a week. Credit,
one semester hour each semester.

201, 202.

World military situation, leadership, drill and exercise of command, physical development methods, maps and aerial photographs, military administration, evolution of warfare, military law and boards. Required of sophomore men.

Four periods of class and laboratory work a week. Credit,

one semester hour each semester.

301, 302.

Military leadership, psychology and personnel management, leadership, drill and exercise of command, military problems of the United States, occupied territories, military laws and boards, tactics and techniques.

Six periods of class and laboratory work a week. Credit,

three semester hours each semester.

401, 402.

Command and staff, military teaching methods, psychological warfare, geographical foundation of national power, leadership, drill and exercise of command, combined and joint operations, military mobilization and demobilization, tactics and techniques.

Six periods of class and laboratory work a week. Credit,

three semester hours each semester.

MODERN LANGUAGES

Associate Professor Hildebran; Assistant Professors Snader and Willen; Miss Litzinger and Mrs. Summers†

A student may elect either a major or a minor in French; German or Spanish may be elected only as a minor.

FRENCH

*101-102. ELEMENTARY FRENCH.

Pronunciation, the elements of grammar, simple conversation, reading.

Three periods a week. Credit, six semester hours.

*103, 104. INTERMEDIATE FRENCH.

A review of grammar; representative novels and short stories

†Second semester, 1947-1948.

of the nineteenth century; vocabulary, idioms, pronunciation, exercises and conversation based on the reading. Classes are conducted in French in so far as the progress of the students will permit. Prerequisite, two units of high school French or French 101-102.

Three periods a week. Credit, three semester hours each semester.

201, 202. INTRODUCTION TO FRENCH LITERATURE.

Readings of representative works of French literature. Emphasis is laid on vocabulary building, idiomatic usage, the ability to read rapidly, and literary appreciation. Collateral reading and reports. There is a liberal use of French in the classroom. Prerequisite, French 103, 104 or its equivalent.

Three periods a week. Credit, three semester hours each

semester.

301; 302. SURVEY OF FRENCH LITERATURE.

A study of the development of French thought and culture as evidenced in the masterpieces of French literature from the twelfth to the twentieth centuries. Conducted in French. Prerequisite French 201, 202.

Two periods a week. Credit, two semester hours each se-

mester. (See note to French 303, 304.)

303, 304. ADVANCED COMPOSITION.

Prerequisite, French 201, 202.

One period a week. Credit, one semester hour each semester.

Note: Whenever possible, French 301; 302 and 303, 304 should be studied during the same year.

351; 352; 451; 452. SPECIAL STUDIES IN FRENCH.

Directed study planned and conducted with reference to the needs of those students who are candidates for graduation honors in French. Other qualified students may be admitted with the consent of the Department.

Credit, one to three semester hours each semester, depend-

ing upon the quantity and quality of the work done.

401. French Dramatic Literature of the Seventeenth Century.

Intensive and extensive reading of the principal plays of Corneille, Molière, and Racine. Prerequisite, French 301.

Three periods a week. Credit, three semester hours.

402. French Literature of the Nineteenth Century.

Development of the drama, the novel, poetry, and criticism with their relationship to other phases of modern French culture. Prerequisite, French 301; 302.

Three periods a week. Credit, three semester hours.

405. FRENCH CIVILIZATION.

A study of the history, geography, customs, and traditions of France. Conducted in French. Prerequisite, French 303.

Two periods a week. Credit, two semester hours.

GERMAN

No major is offered in this field.

*101-102. ELEMENTARY GERMAN.

Pronunciation, the elements of grammar, simple conversation, reading.

Three periods a week. Credit, six semester hours.

*103, 104. INTERMEDIATE GERMAN.

A review of grammar; the reading of texts of moderate difficulty including German scientific literature. Analytical study of compound words, gerundives, and participial construction. Prerequisite, two units of high school German or German 101-102.

Three periods a week. Credit, three semester hours each semester.

201, 202. Introduction to German Literature.

A study of selected works of German literature with particular attention to Lessing, Goethe, and Schiller. Prerequisite, German 103, 104.

Two periods a week. Credit, two semester hours each se-

mester. (See note to German 203, 204.)

203, 204. ADVANCED COMPOSITION.

Prerequisite, German 103, 104.

One period a week. Credit, one semester hour each semester.

Note: Whenever possible, German 201, 202 and 203, 204 should be studied during the same year.

301. GERMAN LITERATURE TO THE NINETEENTH CENTURY.

A study of the development of German literature from its origins to the nineteenth century. Prerequisite, German 201, 202.

Three periods a week. Credit, three semester hours. Not offered in 1948-1949.

302. GERMAN LITERATURE OF THE NINETEENTH AND TWENTIETH CENTURIES.

A study of the development of German literature of the nineteenth and twentieth centuries. Prerequisite, German 201, 202.

Three periods a week. Credit, three semester hours. Not offered in 1948-1949.

SPANISH

No major is offered in this field.

*101-102. ELEMENTARY SPANISH.

Pronunciation, the elements of grammar, simple conversation, reading.

Three periods a week. Credit, six semester hours.

*103, 104. INTERMEDIATE SPANISH.

A review of grammar; the reading of texts of moderate difficulty, some of which are selected from Spanish-American authors. Prerequisite, two units of high school Spanish or Spanish 101-102.

Three periods a week. Credit, three semester hours each

semester.

201, 202. ADVANCED SPANISH.

Intensive study of selected masterpieces of Spanish literature; composition; oral practice. Collateral reading and reports. Prerequisite, Spanish 103, 104.

Three periods a week. Credit, three semester hours each

semester.

301, 302. SURVEY OF SPANISH LITERATURE.

Study of representative authors with emphasis on the Golden Age and its achievement. Prequisite, Spanish 201, 202.

Three periods a week. Credit, three semester hours each

semester.

MUSIC

Professor Gesner; Associate Professor deLong; Assistant Professors Brainard, Murray, Newlin, Royer, and Spangler; Miss Doria

Introductory courses for a major in any one of these divisions are the theoretical courses, 101, 102, 205, 206, 207, 208. The minimum requirement for a major in a division of applied music consists of sixteen semester hours in that division, the introductory courses, Music 307, 308, 401-402, and four additional semester hours in music or a related field. The minimum requirement for a major in the public school music division consists of the introductory courses, sixteen semester hours in applied music, Music 307, 308, 401-402, and the courses in the public school music division (which may be counted as education credits). Majors in voice and violin must be able to play piano accompaniments of moderate difficulty.

THEORETICAL COURSES

*101, 102. SIGHT-SINGING AND EAR-TRAINING.

The singing and dictation of scales, intervals, triads, rhythmic patterns, and melodies. Prerequisite, satisfying the requirements for taking piano for credit.

Three periods a week. Credit, two semester hours each se-

mester.

107, 108. MUSIC APPRECIATION.

The course in Music Appreciation is open to all students. No technical knowledge is required. The course begins with the elements of music—rhythm, melody, design, etc., as found in Folk Songs—and proceeds historically through the works of the masters of the Symphony. This course is designed to give the average listener a better understanding and appreciation of the world's great music. The course consists principally of lectures and recitals.

Two periods a week. Credit, one semester hour each semes-

ter.

*205, 206. ELEMENTARY HARMONY.

Written and keyboard. Harmonization of melodies and basses with principal and secondary triads and inversions, and dominant seventh chord and inversions. Must be taken concurrently with Music 207, 208.

Two periods a week. Credit, two semester hours each se-

mester.

207, 208. SIGHT-SINGING AND EAR TRAINING.

Advanced sight-singing and ear-dictation. Must be taken concurrently with Music 205, 206.

Four periods a week. Credit, two semester hours each se-

mester.

307, 308. ADVANCED HARMONY AND COMPOSITION.

Written and keyboard harmony. Harmonization of melodies and basses. Secondary seventh chords, diminished seventh chords, altered chords, and non-chordal tones. Modulation and transposition. Original composition in the simple forms for piano, voice, violin, and chorus.

Two periods a week. Credit, two semester hours each semester.

309, 310. FORM AND ANALYSIS.

The study of harmonic and contrapuntal forms. Formal and harmonic analysis of representative compositions in the different forms.

Two periods a week. Credit, two semester hours each semester.

311, 312. COUNTERPOINT.

An introduction to counterpoint in two, three, and four voices. Setting of a cantus firmus; the five species; simple imitations; the chorale prelude. Analysis of masterworks in contrapuntal style is an integral part of the course.

Two periods a week. Credit, two semester hours each se-

mester.

351; 352; 451; 452. SPECIAL STUDIES IN MUSIC.

Directed study planned and conducted with reference to the needs of those students who are candidates for graduation honors in Music. Qualified students who are not candidates for such honors, but who desire to take the course, are also admitted.

Credit, one to three semester hours each semester, depend-

ing upon the quantity and quality of the work done.

401-402. HISTORY OF MUSIC.

From the music of early civilizations to the music of the present time. The study of text books; collateral reading; records and scores to illustrate the music of the different composers and periods.

Three periods a week. Credit, four semester hours.

407, 408. ADVANCED ANALYSIS AND KEYBOARD HARMONY.

Harmonic and formal analysis of Haydn, Mozart, and Beethoven sonatas and string quartets; compositions of the romantic and modern schools; fugues from the Well-Tempered Clavichord. Modulation and transposition from passages in these compositions; original modulations.

Three periods a week. Credit, two semester hours each se-

mester.

APPLIED MUSIC

Instruction in Piano, Voice, Organ, and Violin is given in two half-hour private lessons a week.

A minimum of sixteen semester hours in applied music is required of majors in piano, voice, organ, and violin.

Admission to these courses and the amount of credit which may be earned each semester will be determined by the Department of Music.

Students (major and non-major) may distribute credits in any division of applied music as follows:

First year: one semester hour each semester.

Second year: one to two semester hours each semester.

Third year: one to three semester hours each semester.

Fourth year: one to three semester hours each semester.

In order to rank as a senior major in a division of applied music, the student must have completed at least ten semester hours in that division by the end of the junior year. A public recital must be given in the senior year.

PIANO

Students are received in all stages of proficiency, but in order to receive credit toward the degree, they must be sufficiently advanced to study Bach dance movements or Two Part Inventions and sonatinas or sonatas by Haydn, Mozart, or Beethoven.

Piano majors are required to study, in the junior and senior years, the Bach Well-Tempered Clavichord and sonatas and pieces of corresponding grade by composers of the pre-classic, classic, romantic, and modern schools.

Sixteen semester hours credit in piano are required of a piano major. A minimum of eight semester hours credit in piano is required of a public school music major.

VOICE

Students are received in all stages of proficiency, but in order to receive credit toward the degree they must be sufficiently advanced to read music of moderate difficulty.

Advanced interpretation of song literature in the fields of art song, oratorio, and opera is required of voice majors in the senior year.

Sixteen semester hours credit in voice are required of a voice major. A minimum of four semester hours credit in voice is required of a public school music major.

Voice majors must be able to play piano accompaniments of moderate difficulty.

ORGAN

Ability to play piano music of moderate difficulty is required of students who wish to receive instruction in organ.

Organ majors are required to study, in the junior and senior years, major works of Bach, Franck, Mendelssohn, Widor, and modern composers.

Sixteen semester hours credit in organ are required of an organ major.

VIOLIN

Students are received in all stages of proficiency, but in order to receive credit toward the degree they must be sufficiently advanced to study Progressive Violin Studies, Vol. I, by Gruenberg, and sonatas and sonatinas by Haydn, Schubert, and Mozart.

Violin majors are required to study, in the junior and senior years, sonatas by Beethoven and a concerto, sonatas, and pieces of corresponding grade by composers of the pre-classic, classic, romantic, and modern schools.

Sixteen semester hours credit in violin are required of a violin major. Violin majors must be able to play piano accompaniments of moderate difficulty.

PUBLIC SCHOOL MUSIC

A minimum of sixteen semester hours credit in applied music at least eight of which must be in piano and four in voice—is required of a public school music major.

331, 332. TEACHING MUSIC IN THE JUNIOR HIGH SCHOOL.

This course includes methods in the teaching of sight reading and notation through the medium of the folk song; appreciation of folk music of different countries and of the composed music of the national schools; interpretation and directing of simple choruses; a study of voice hygiene and voice testing.

Two periods a week. Credit, one semester hour each se-

mester.

403, 404. CONDUCTING AND ORCHESTRAL INSTRUMENTS.

The principles of conducting; the technique of the baton; conducting without a baton; score reading. Students are permitted to conduct the Symphony Orchestra. Strings and reeds are studied in the first semester; brass and percussion instruments are studied in the second semester. Materials fee, \$5.00 first semester.

Two periods a week. Credit, one semester hour each semester.

431, 432. TEACHING MUSIC IN THE SENIOR HIGH SCHOOL.

In this course are stressed the methods of teaching and directing more difficult choruses; music appreciation through the historical method of approach, including ways of presenting the master works of the classical and romantic periods and methods of conducting opera study. Some time is also given to "Course of Study Making."

Two periods a week. Credit, one semester hour each se-

mester.

MUSICAL ORGANIZATIONS

Members of the College Band, Choir, Glee Club, or Orchestra, who take the course in participation in the organization chosen, which consists of one half-period of class study and two periods of practice each week, receive one semester hour of credit each semester. No credit may be applied toward a major for these courses, and a maximum of ten semester hours credit thus gained may be applied toward the Bachelor's degree.

RECITALS

During the course of the year, formal recitals are given by the music faculty, the students, and the musical organizations of the College. Informal student recitals are given bi-monthly. There are also opportunities to hear concerts by visiting artists and organizations. Attendance at recitals is required of students taking piano, voice, violin, or organ for degree credit.

PHILOSOPHY AND RELIGION

Associate Professor Holthaus; Assistant Professor Bradley

PHILOSOPHY

Any two of the courses in the Department marked with an asterisk are to be considered as introductory courses for a major or a minor in Philosophy and Religion.

*211; 211R. PROBLEMS OF PHILOSOPHY.

An introduction to the chief problems with which philosophy is concerned, and a study of some of these from the viewpoints of the leading modern schools of philosophical thought.

Three periods a week. Credit, three semester hours.

*213. HISTORY OF PHILOSOPHY: ANCIENT AND MEDIEVAL.

An introduction to philosophy through a study of the systems of Greek and medieval philosophers, beginning with Thales and with special emphasis on Plato, Aristotle, and the Christian philosophers of the middle ages.

Three periods a week. Credit, three semester hours.

214. HISTORY OF PHILOSOPHY: MODERN.

An introduction to modern philosophy through a study of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant, Hegel, Schopenhauer, and others.

Three periods a week. Credit, three semester hours.

303. LOGIC AND REFLECTIVE THINKING.

The general principles of inductive and deductive logic, and the use of these principles in the solution of problems in such fields as science, philosophy, and religion.

Three periods a week. Credit, three semester hours.

304. GREAT AMERICAN THINKERS.

A study of the development of philosophy in the United States, with special attention to the lives and writings of selected leaders from Edwards to Dewey.

Three periods a week. Credit, three semester hours.

305. ETHICS.

A study of the leading types of ethical theory, the origins of morality, and the principles involved in moral action.

Three periods a week. Credit, three semester hours.

308. PHILOSOPHY OF RELIGION.

An exposition of the chief points of view in the philosophy of religion which compete for acceptance among western students, with analysis of some of the major issues upon which they differ. Prerequisite, Philosophy 211.

Three periods a week. Credit, three semester hours.

RELIGION

*201, 201R. OLD TESTAMENT LITERATURE.

An introductory course designed to provide an understanding of the history, religion, and literature of the Hebrew people from the time of the Patriarchs to post-Exilic Judaism.

Three periods a week. Credit, three semester hours.

*202, 202R. NEW TESTAMENT LITERATURE.

An introductory course covering the history, religion, and literature of New Testament times.

Three periods a week. Credit, three semester hours.

307. RELIGIONS OF MANKIND.

After a brief survey of the forms of religion among primitive peoples, an historical and comparative study is made of the great living religions of the world.

Three periods a week. Credit, three semester hours. Alternates with Religion 309. Not offered in 1948-1949.

309. PROPHECY AND THE PROPHETS.

The origin and development of Hebrew Prophecy; the messages of the prophets in their historical setting; the decline of prophecy, and the rise of apocalyptic thought.

Three periods a week. Credit, three semester hours. Alternates with Religion 307. Offered in 1948-1949.

312. THE LIFE AND TEACHINGS OF JESUS.

A consideration of the sources for the life of Jesus; the world in which he lived; his religious and ethical teachings; his mission and its significance for Christian faith.

Three periods a week. Credit, three semester hours.

321. BELIEFS BASIC TO RELIGIOUS EDUCATION.

The major aspects of the Christian faith which are basic to a philosophy of Christian education considered in relation to contemporary life and thought.

Three periods a week. Credit, three semester hours.

322. PRINCIPLES AND METHODS OF RELIGIOUS EDUCATION.

The essentials of theory and method; a critical examination of teaching materials and procedures; the organization and administration of a modern church school program. Prerequisite, Religion 321.

Three periods a week. Credit, three semester hours.

351; 352; 451; 452. SPECIAL STUDIES IN PHILOSOPHY AND RELIGION.

Directed study planned and conducted with reference to the needs of students who are candidates for graduation honors in Philosophy and Religion. Qualified students who are not candidates for such honors are admitted upon the recommendation of the instructor.

Credit, one to three semester hours each semester, depend-

ing upon the quantity and quality of the work done.

PHYSICAL AND HEALTH EDUCATION

Associate Professors Havens and Parker; Assistant Professors Hansma and Todd; Mrs. Kittner

A major in this department must be accompanied by a second major in place of a minor.

Certificate Requirements: Physical Education 101, 102, 201, 202, 204, 301, 302 or 346, 303, 341 or 343, 342 or 344, 403, 404, 407; Biology 102, 304, 304a, 311; two semester hours elective chosen from Physical Education 304, 305, 306, 308, or 310. Chemistry, Nutrition, and Sociology are recommended as desirable electives.

*101: 102. PHYSICAL EDUCATION.

Instruction in a wide variety of team games and individual sports. A portion of the course is devoted to group discussion and individual conferences in problems arising from the activity.

Three periods a week. Credit, one semester hour each se-

mester.

*201; 202. PHYSICAL EDUCATION.

Emphasis is placed upon instruction in individual sports and recreation seeking to develop sufficient skills to insure permanent interest in healthful activities. One period per week is devoted to health teaching throughout the year.

Three periods a week. Credit, one semester hour each se-

mester.

204. Introduction to Physical Education.

An analysis of the values of physical education, the development of objectives and their application to the educational program.

Two periods a week. Credit, two semester hours.

301. RECREATION LEADERSHIP.

A critical study of the theory of play; a classification of play activities; the leadership of community recreation with methods and materials of teaching activities suitable for use in school, church, playground, and similar social institutions.

Three periods a week. Credit, two semester hours.

302. THE TEACHING OF PHYSICAL EDUCATION ACTIVITIES FOR WOMEN.

The theory and practice of teaching individual sports. Analysis of techniques, rules, and methods of instruction for both skilled and unskilled groups.

Three periods a week. Credit, two semester hours.

303. FOLK DANCES.

Methods of instruction and choice of materials for teaching folk dancing. Students do practice instructing within the class group.

Two periods a week. Credit, one semester hour.

304. TAP DANCING.

Methods of instruction and choice of material for teaching tap dancing. Students do practice instructing within the class group.

Two periods a week. Credit, one semester hour.

305. HEALTH EDUCATION.

The principles, methods, and materials for instruction in health in the secondary schools; correlation of health teaching with the sciences, home economics, and physical education.

Two periods a week. Credit, two semester hours.

306. SCHOOL HEALTH PROBLEMS.

The organization of health education to permit the efficient conduct of the health examination, the follow-up and correction of defects, the control of communicable diseases, the hygiene of environment; normal growth of development; mental hygiene.

Two periods a week. Credit, two semester hours.

Alternates with Physical Education 308. Offered in 1948-1949.

308. CORRECTIVE PHYSICAL EDUCATION.

The course is designed to give students practice in orthopedic examination; to help detect reconstruction problems and be able to carry out a program in correctives under the supervision of an orthopedist.

Two periods a week. Credit, two semester hours.

Alternates with Physical Education 306. Not offered in 1948-1949.

310. SAFETY EDUCATION AND FIRST AID.

Methods and materials for the teaching of safety and first aid. A study is made of the nature and causes of accidents in the daily living of the school child with emphasis upon the prevention and emergency care of injuries incident to physical activities and athletics.

Three periods a week. Credit, two semester hours.

341. SPORTS FOR MEN.

The theory and practice of coaching high school football and soccer. The teaching of fundamentals, team play, psychol-

ogy of coaching, and care of injuries.

In Physical Education 341, 342, 343, and 344, the additional hour credit is allowed for those students who are selected by the instructor for extensive field work in the Carroll County School System.

Three periods a week. Credit, two or three semester hours.

(See note to Physical Education 342).

342. SPORTS FOR MEN.

The theory and practice of coaching basketball, baseball, and track; officiating in these sports, with practical experience in the public schools; co-operation with county school authorities in conducting track and field meets and tournaments. See explanation under Physical Education 341.

Three periods a week. Credit, two or three semester hours. Note: Students electing Physical Education 341 or Physical Education 342 must have individual skills developed through at

least one season on the varsity squad or its equivalent.

343. TEAM SPORTS FOR WOMEN.

The theory and practice of teaching hockey, speed ball, and basketball. Analysis of techniques, rules, and methods of instruction for both skilled and unskilled groups. See explanation under Physical Education 341.

Three periods a week. Credit, two or three semester hours.

344. TEAM SPORTS FOR WOMEN.

The theory and practice of teaching volleyball, softball, and the seasonal activities. Special emphasis is placed upon conducting the Maryland state program of physical education. See explanation under Physical Education 341.

Three periods a week. Credit, two or three semester hours.

346. THE TEACHING OF PHYSICAL ACTIVITIES FOR BOYS.

Methods of group instruction of a modern sports program of physical education.

Three periods a week. Credit, two semester hours.

403. ADMINISTRATION OF PHYSICAL EDUCATION.

A course dealing with the problems of administration of a program of Physical Education, interscholastic and intramural athletics, purchase and care of equipment, budget and financing, and public relations.

Three periods a week. Credit, three semester hours.

404. PHYSIOLOGY OF ACTIVITY.

The mechanics of different activities; physiological effects of exercises; developmental problems, etc. Prerequisite, Biology 804.

Two periods a week. Credit, two semester hours.

407. PROBLEMS OF PHYSICAL EDUCATION.

The development of a practical program of Physical Education using the problem approach to the selection of activities that will provide for biological needs, social development, and character training. Data accumulated through the cooperative survey of secondary schools form the basis of the course.

Two periods a week. Credit, two semester hours.

411. Tests and Measurements in Health and Physical Education.

To familiarize the students with various tests and measurements in the field of health and physical education. Special attention is paid to the methods of giving and scoring tests and the uses to be made of the results obtained. An evaluation of test materials and testing programs forms an important part of the course.

Two periods a week. Credit, two semester hours.

PHYSICS

Professor Summers; Mr. Peck

Requirements for the Degree of Bachelor of Science: Major Courses, Physics, twenty-seven semester hours in addition to the introductory courses, and which must include Physics 301, 302, 303, 304, 305, 306. Supporting Courses, Chemistry 201, 202; Mathematics 101, 102, 201, 202, 301, 302; two college years or the equivalent in either French or German and the equivalent of one college year in the other.

*201, 202. GENERAL PHYSICS.

Mechanics, sound, heat, light, magnetism, and electricity. Prerequisite, Mathematics 101 and 102. Laboratory fee, \$5.00 each semester.

Three class periods and one three-hour laboratory period a week. Credit, four semester hours each semester.

301. MECHANICS.

Selected topics in analytical dynamics, with emphasis on the solution of problems. Prerequisites, Physics 201, 202 and Mathematics 201 and 202. Laboratory fee, \$5.00.

Three class periods and one three-hour laboratory period a

week. Credit, four semester hours.

Alternates with Physics 303. Offered in 1948-1949.

302. HEAT AND PROPERTIES OF MATTER.

Heat and thermodynamics, elasticity, capillarity, diffusion, and viscosity. Prerequisites, Physics 201, 202 and Mathematics 201 and 202. Laboratory fee, \$5.00.

Three class periods and one three-hour laboratory period a

week. Credit, four semester hours.

Alternates with Physics 306. Not offered in 1948-1949.

303, 304. MAGNETISM AND ELECTRICITY.

A course in the theory of the subjects, with the solution of problems. Prerequisites, Physics 201, 202 and Mathematics 201 and 202. Laboratory fee, \$5.00 each semester.

Three class periods and one three-hour laboratory period a

week. Credit, four semester hours each semester.

Alternates with Physics 301 and Physics 310. Not offered in 1948-1949.

305. LIGHT.

Fundamental principles of geometrical and physical optics.

Prerequisites, Physics 201, 202 and Mathematics 201 and 202. Laboratory fee, \$5.00.

Three class periods and one three-hour laboratory period a

week. Credit, four semester hours.

Alternates with Physics 309. Offered in 1948-1949.

306. MODERN PHYSICS.

Atomic structure, theory of spectra, x-rays, relativity, and nuclear physics. Prerequisites, Physics 201, 202 and Mathematics 201 and 202. Laboratory fee, \$5.00.

Three class periods and one three-hour laboratory period a

week. Credit, four semester hours.

Alternates with Physics 302. Offered in 1948-1949.

309. VIBRATION AND SOUND.

Simple and compound harmonic motion, wave motion, the transmission of sound, forced vibration and resonance, musical scales and instruments. Prerequisites, Physics 201, 202 and Mathematics 201 and 202. Laboratory fee, \$5.00.

Three class periods and one three-hour laboratory period a

week. Credit, four semester hours.

Alternates with Physics 305. Not offered in 1948-1949.

310. ELECTRONICS.

Theory and applications of radio tubes, photoelectric cells, and cathode ray oscilloscopes. Prerequisite, Physics 201, 202 and Mathematics 201 and 202.

Three class periods and one three-hour laboratory period a

week. Credit, four semester hours.

Alternates with Physics 304. Offered in 1948-1949.

311, 312. HOUSEHOLD PHYSICS.

A course in General Physics with emphasis on household applications. Offered only to students in Home Economics. Prerequisites, two years of high school algebra, or the equivalent. Laboratory fee, \$5.00, second semester.

Three class periods a week, first semester; two class periods and one three-hour laboratory period a week, second semester.

Credit, three semester hours each semester.

351; 352; 451; 452. SPECIAL STUDIES IN PHYSICS.

Directed study planned and conducted with reference to the needs of those students who are candidates for graduation honors in Physics. Qualified students who are not candidates for

such honors, but who desire to take the course, are also admitted.

Credit, one to three semester hours each semester, depending upon the quantity and quality of the work done.

POLITICAL SCIENCE

See History and Political Science.

PRE-MEDICAL COURSE

See page 86.

PSYCHOLOGY

Associate Professors Sanford and James†; Mrs. Bradley*

Psychology 203 is a prerequisite to all other courses in Psychology.

*203; 203R. GENERAL PSYCHOLOGY.

The course aims to offer the student a better understanding of himself and his fellow beings. Individual differences, intelligence, motivation, emotion, and personality are included. See note above.

Three periods a week. Credit, three semester hours.

*210. PSYCHOLOGY OF PERSONALITY.

A study of the varieties of adjustive behavior, the background of adjustment, personality, and the techniques of mental hygiene.

Three periods a week. Credit, three semester hours.

301. SOCIAL PSYCHOLOGY.

A study of the behavior of individuals in their reactions to other individuals and in social situations. The course includes the study of topics such as attitudes, suggestion, imitation, propaganda, and crowd phenomena.

Three periods a week. Credit, three semester hours.

302. TESTING AND APPLIED PSYCHOLOGY.

Aptitude testing, including an evaluation of vocational tests, and their relation to the various occupational fields. Laboratory fee, \$2.50.

Three periods a week. Credit, three semester hours.

[†]Second Semester, 1947-1948. *First Semester, 1947-1948.

303. EDUCATIONAL PSYCHOLOGY. See Education 303.

309. ABNORMAL PSYCHOLOGY.

The incidence, causes, treatment, and prevention of the disorganized personality. This course may be elected separately, although it is designed as a continuation of Psychology 210.

Three periods a week. Credit, three semester hours.

310. INTRODUCTORY EXPERIMENTAL PSYCHOLOGY.

A course designed to familiarize students with the methods and results of laboratory research.

Three periods a week. Credit, three semester hours.

315. Introduction to Statistical Method. See Mathematics 315.

351; 352; 451; 452. SPECIAL STUDIES IN PSYCHOLOGY.

Directed individual study of experimental problems with research of the literature and weekly reports. Open to advanced students in psychology.

Credit, one to three semester hours each semester, depend-

ing upon the quantity and quality of work done.

READING

Associate Professor Sara E. Smith

No major or minor is offered in this field.

The adjustment to academic work in college is difficult for some students because they lack adequate study habits and reading skills. As one of the features of its personnel program Western Maryland College gives a reading test to all incoming freshmen and offers a course in reading to all who, from their scores on this and other tests, seem to need additional aid.

101. READING PROBLEMS.

A course given to a group of freshmen selected because of reading difficulties; class work, individual practice, and conferences.

One class period and one conference a week. Credit, one semester hour.

RELIGION

See Philosophy and Religion.

SOCIOLOGY

Professor Earp; Assistant Professor Criswell; Mr. Jones
Sociology 101 is a prerequisite to all other courses in Sociology,
except Sociology 106.

*101. Introductory Sociology.

A general course dealing with man's cultural heritage, man's social nature, forms of collective behavior, community and social organization, social interaction, and social change. See note above.

Three periods a week. Credit, three semester hours.

*106. SOCIAL PROBLEMS. .

The study of a limited number of social problems such as the following: old age, physical and mental deficiency, drug addiction, alcoholism, unemployment, poverty, sickness, domestic discord, population, minorities, revolution, war.

Three periods a week. Credit, three semester hours.

202. THE FAMILY.

The study of the present day American family and marriage relationships including mate selection, husband-wife relationships, parent-child relationships, family disorganization, and the family budget.

Three periods a week. Credit, three semester hours.

204. URBAN SOCIOLOGY.

The study of the origin and growth of the modern city, its population composition, its institutions and social organization, urban housing, and city planning.

Three periods a week. Credit, three semester hours. Alternates with Sociology 206. Not offered in 1948-1949.

205. CRIMINOLOGY.

The study of the causes, incidence, treatment, and prevention of crime and delinquency.

Three periods a week. Credit, three semester hours.

206. RURAL SOCIOLOGY.

The study of the social relationships, social institutions, the population composition, and the processes of social change as found in the rural areas.

Three periods a week. Credit, three semester hours. Alternates with Sociology 204. Offered in 1948-1949.

301. Social Psychology. See Psychology 301.

305. SOCIAL THEORY.

The study of the ideas, values, and processes which underlie the present social order.

Three periods a week. Credit, three semester hours. Alternates with Sociology 307. Not offered in 1948-1949.

307. SOCIAL ORGANIZATION AND CONTROL.

The study of the forces at work in a society which bring about its organization and the various means utilized in the process.

Three periods a week. Credit, three semester hours. Alternates with Sociology 305. Offered in 1948-1949.

351; 352; 451; 452. SPECIAL STUDIES IN SOCIOLOGY.

Directed study planned and conducted with reference to the needs of those students who are candidates for graduation honors in Sociology. Qualified students who are not candidates for such honors, but who desire to undertake special work in the department are also admitted.

Credit, one to three semester hours each semester, depend-

ing upon the quantity and quality of the work done.

401, 402. Introduction to Social Work.

The study of the theory and application of the principles underlying social investigation and treatment in the fields of public and private welfare. Prerequisite, twelve semester hours of Sociology.

Three periods a week. Credit, three semester hours each

semester.

SPANISH

See Modern Languages.

ANNUAL REGISTER

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1947 - 1948

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Register of Students

1947 - 1948

MEN

Name
Stanley Leonard Abrams
Gerald Robert Ackerman
John Adamovich
Harry Vincent Adams
Thomas Fatkin Albright
Sydney Emmanuel Albrittain
William Clothier Alcorn
Jack Gail Ammon
William Gregory Anders
William Robert Anderson
William Thomas Anderson
Robert Edwin Arnold
Rodney Elmer Austin

John Franklin Babb Donald Brown Bailey Lawrence Thomas Bailey Charles Dickinson Baldwin Warren Gordon Balla John Lockard Barnes William Thomas Barnes Joseph Morrison Barry William Taylor Bartgis Jesse Robert Baugher William Henry Bayliff Douglas Kendall Beakes Paul William Beard George Henry Beck Raymond Howard Bennighof Charles Donald Benson Robert Frederick Benton Max Erwin Bertholf Douglas Maxwell Bivens John Dieterle Blades Maurice Henry Blocher Richard Ronald Bornemann Kenneth Cantwell Bouchelle William Thomas Bowen Orville Clifford Bowersox Lloyd Spencer Bowling William Peter Boyle John Frank Bracaglia Daniel Wesley Bradley John Graham Bradley

Address
Philadelphia, Pa.
Westminster, Md.
Glen Lyon, Pa.
Cumberland, Md.
Frostburg, Md.
Bel Alton, Md.
Wyncote, Pa.
Westminster, Md.
ew Windsor, Md.
Manchester, Md.
Westminster, Md.
Baltimore, Md.
ela Springs, Md.

Freshman **Junior** Freshman Freshman Freshman Senior **Junior** Freshman Freshman Sophomore Iunior Senior Freshman Junior Senior Freshman Freshman Junior Freshman Junior Senior **Iunior** Senior Freshman Junior Freshman Sophomore Freshman Junior Sophomore

dtimore, Md. Springs, Md. Bloomsburg, Pa. Harrisburg, Pa. Baltimore, Md. Madison, N. J. Baltimore, Md. Millers, Md. Baltimore, Md. Queens, N. Y. Baltimore, Md. Waynesboro, Pa. Annapolis, Md. Delta, Pa. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Silver Spring, Md. Westminster, Md. Boonsboro, Md. Summit, N. J. Hampstead, Md. Parkton, Md. Elkton, Md. Huntingtown, Md. New Windsor, Md. Newport, Md. Westminster, Md. Baltimore, Md. Tujunga, Calif. Salisbury, Md.

Name James Ralph Brandenburg Jean Edwin Brant Otho Gracen Brewer, Jr. James Walter Brewington Alfred Sidney Bright Harry Benjamin Bright Frederick Wells Brill Charles Donald Brohawn Roger Ellis Brower Richard Hillis Brown Ellis Hubbard Bruner Ingersoll Day Bruner Richard Clayton Bucher, Jr. Jack Gordon Buckingham David Martin Buffington Ernest Alfred Burch **Hugh Burgess** Lionel Burgess, Jr. Charles Harry Bush Thomas Ellsworth Butterbaugh

Robert Hayes Calhoun Peter George Callas Joseph Callis, Jr. George LeRoy Carr William Homer Carroll, Jr. Leroy Gray Carter Joe Ámos Cessna William Thomas Chafin, Jr. Michael Morrison Chandler Byron Thomas Chen Emory Willard Chesley Harry Eugene Christopher Donald Fleming Clarke John Henry Clarke, Jr. Gilbert Franklin Clough Richard Allen Clower Norman Wesley Coates Ralph Ringgold Cockey John Robert Conover William George Cook Joseph Anthony Corleto Henry Anthony Corrado James Vincent Cotter George Andrew Coulter Stephen Jenner Covey Wayne Harper Cowan George Thomas Croft Herbert Joseph Cropper Maurice Albert Cubberly, Jr. Joseph Samuel Culotta Walter Edward Cushen Raymond Leland Cushing

Classification **Junior** Senior Senior Iunior Sophomore Sophomore Sophomore Senior Freshman Junior Senior Senior Junior Sophomore Freshman Sophomore Iunior Junior Junior **Junior**

Sophomore **Junior** Sophomore Senior **Iunior** Senior Sophomore Senior Freshman **Junior** Senior Junior Sophomore Senior Freshman Freshman Sophomore Sophomore Junior Senior Sophomore Sophomore Junior **Junior** Freshman Senior Senior Sophomore Freshman Sophomore Senior Sophomore

Address Washington, D. C. Baltimore, Md. Westminster, Md. Salisbury, Md. New Rochelle, N. Y. Baltimore, Md. Philadelphia, Pa. Baltimore, Md. Fair Haven, N. J. Pikesville, Md. Clifton Springs, N. Y. Clifton Springs, N. Y. Reading, Pa. Westminster, Md. Taneytown, Md. Swedesboro, N. J. Ellicott City, Md. Ellicott City, Md. East McKeesport, Pa. Westminster, Md.

Westminster, Md. Hagerstown, Md. Westminster, Md. Upperco, Md. Silver Spring, Md. Westminster, Md. Bedford, Pa. Glen Rock, Pa. Westminster, Md. Union Bridge, Md. Westminster, Md. Brooklyn, N. Y. Sykesville, Md. Pocomoke, Md. Teaneck, N. J. Cumberland, Md. Baltimore, Md. Stevensville, Md. Madison, N. J. Baltimore, Md. Medford, Mass. Medford, Mass. Painted Post, N. Y. Colora, Md. Silver Spring, Md. Baltimore, Md. La Plata, Md. Ocean City, Md. Trenton, N. J. Baltimore, Md. Hagerstown, Md. Chestertown, Md. Name Karl Joseph Damuth Thomas Ronald Dashiell George Sinclair Davis Bryce Woodrow Day Quentin Langdon Day Donald Milton Denhard Donald David Denny Roy Edward Diehl Richard Stanley Diener Alan Leslie Dodd James Caskey Doherty William Daniel Donahoo Willard Browning Donley Thomas Butler Doolittle, Jr. John Richard Dorgan Walter Bryant Dorsey Robert Holmes Douglass Robert Young Dubel James Ralph Dudley Richard Dunlop Beverly Waugh Dunning William Dvorine Julian Logan Dyke, Jr.

Homer Calvin Earll Robert Dashiell Ebert Cecil DeGrotte Eby Jack Cassell Eccles Charles Ross Eck Frederick Pitts Eckhardt Jay Harry Eggly Donald Otto Egner William Waring Ehlers Charles William Eliason James Carson Elliot John Carr Elliot Louis Edward Elliott, Jr. Marshall Gill Engle Jonas Wisler Eshelman Charles Thomas Eunick, Jr.

Charles Feinblatt Eugene Feldman William Joseph Felton Stanley Jerry Fieldman William Albert Finck Robert Thomas Fink Sherman Edward Flanagan, Jr. Richard Campbell Flavin, Jr. Charles William Fleming Thomas Richard Fletcher Edward Laverne Flickinger James Guy Formwalt

Classification Address Junior Thurmont, Md. Sophomore Mardela Springs, Md. Junior Mechanicsville, Md. Westminster, Md. Sophomore Junior Mt. Airy, Md. Baltimore, Md. Sophomore Sophomore Baltimore, Md. Salisbury, Pa. Baltimore, Md. Sophomore Freshman Silver Spring, Md. Freshman Senior Audubon, N. J. Baltimore, Md. **Junior** Isaban, W. Va. Junior Baltimore, Md. Junior Delta, Pa. Sophomore Leonardtown, Md. Senior Madison, N. J. Sophomore Senior Baltimore, Md. Washington, D. C. Senior Sophomore Baltimore, Md. Freshman Baltimore, Md. Sophomore Baltimore, Md. Sophomore Baltimore, Md.

Iunior Garden City, N. Y. Baltimore, Md. Charles Town, W. Va. Freshman Sophomore Westminster, Md. Junior Baltimore, Md. Junior Senior Glyndon, Md. Freshman Wyncote, Pa. Junior Middle River, Md. Junior Baltimore, Md. Sophomore Baltimore, Md. Taneytown, Md. Senior Junior Westminster, Md. Westminster, Md. Junior Arlington, Va. Hagerstown, Md. **Junior** Freshman Westminster, Md. Freshman

Bronx, N. Y. Freshman Camden, N. J. Westminster, Md. Baltimore, Md. Freshman Baltimore, Md. Thurmont, Md. Sophomore Freshman Westminster, Md. Baltimore, Md. Sophomore Westminster, Md. Elberon, N. J. Sophomore Uniontown, Md. Baltimore, Md. Sophomore

Iunior

Junior

Senior

Senior

Junior

Name
Joseph Allen Fowler
Eugene Joseph Frank
George Michael Franko, Jr.
Robert Innes Fraser
Murray Irwin Friedman
Robert Joseph Fringo
John Bowdre Fritz
John Moses Fuss, Jr.

Robert Lenor Gage William Rich Gale Charles Benton Gannon, Jr. Reynaldo Salvador Garcia Dale Edward Gardner Arnold Warren Garrett Joseph Shermer Garrison, III Melville Robert Gemmill Joseph Michael Giannelli Garlan Robert Gillespie William James Gilmartin Jerome Ginsberg Armand Joel Gold Jay Calvin Gore David Thomas Gorman Ralph Gorten Albert Thompson Grimes, Jr. Gordon Lee Groby James Everett Grose, Jr. John Robert Ground John Gottlieb Gruber Leon Fredric Gruber

James Paterson Hackman Bryan Bedout Haddaway Klein Kinzer Haddaway, Jr. Howard Raymond Haines, Jr. Joseph Harry Haines Walter Joseph Hajduk Ira Vanson Hale Howard Nathan Hall Stanley Hamilton, Jr. Bror Harold Hammargren Charles John Hammer, Jr. Edgar Ward Hammersla George Blair Hankins James Carrick Haskin Clyde Vincent Hauff William Kenneth Haugh William Louis Hawkins David Gelston Heiberg William Maurice Henry Thomas Milton Herbert Ober Samuel Herr, Jr.

Classification
Junior
Sophomore
Freshman
Freshman
Freshman
Freshman
Freshman

Freshman

Freshman **Junior** Freshman Freshman Freshman Junior **Junior** Iunior Sophomore Sophomore Sophomore Sophomore Iunior Senior Special Freshman Sophomore Senior Senior Junior Sophomore Freshman

Sophomore Sophomore Sophomore Sophomore Senior Sophomore Sophomore Junior Junior Junior Sophomore Junior Iunior Sophomore Special **Junior** Senior Freshman Sophomore Sophomore

Address
Baltimore, Md.
Wanamie, Pa.
Uniontown, Pa.
Baltimore, Md.
Forty Fort, Pa.
Brooklyn, N. Y.
Baltimore, Md.
Emmitsburg, Md.

Ilion, N. Y. Westminster, Md. Baltimore, Md. Utuado, Puerto Rico Sykesville, Md. Brunswick, Md. Baltimore, Md. Baltimore, Md. Medford, Mass. Littlestown, Pa. Elmhurst, N. Y. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Newark, N. J. Philadelphia, Pa. Bexley, Ohio Frostburg, Md. Westminster, Md. Clarksboro, N. J. Westminster, Md.

Dundalk, Md. Charlottesville, Va. Charlottesville, Va. Finksburg, Md. Westminster, Md. Camden, N. J. Wayne, Pa. Berlin, Md. Westminster, Md. Florham Park, N. J. Baltimore, Md. Martinsburg, W. Va. Princess Anne, Md. Washington, D. C. Westminster, Md. Clearspring, Md. Baltimore, Md. Brooklyn, N. Y. Towson, Md. Fawn Grove, Pa. Westminster, Md.

Junior

Leon David Israel

Allen Sander Jacobson George Norman Johnson, Jr. David William Jones, Jr. George Richard Jones James Ward Jump Lincoln Bruce Justice

Charles Philip Kable Paul Kermit Kaetzel Jesse Lee Kagle, Jr. John Frederick Kamm Truman Frederick Keefer Bernard Joseph Keenan Ronald Lee Keith John William Kern Robert Eugene Keys Charles Gorsuch Kidd James Robert Nelson Kiehne Robert Blake Kimble Joseph Raymond Kittner Herbert Fred Karl Klinger Edward Smith Klohr, Jr. Samuel Arden Knepp Millard Byrd Knowles Charles John Kobosko Anthony Nicholas Konstant Joseph James Kovalevski Arnold Gerard Kovler Rudolph Kraus Stanley Richard Kulakowski

Classification
Sophomore
Sophomore
Junior
Junior
Sophomore
Freshman
Special
Freshman
Senior
Freshman
Sophomore
Sophomore
Junior
Special
Freshman
Senior
Sophomore
Freshman
Special

Senior

Junior Senior Sophomore Freshman Senior Freshman

Freshman Senior Junior Freshman Freshman Freshman Junior Sophomore Junior Sophomore Sophomore Junior **Junior** Freshman Freshman Sophomore Sophomore Sophomore Sophomore Sophomore Sophomore Freshman

Address Bedford, Pa. Frostburg, Md. Westminster, Md. Brooklyn, N. Y. Washington, D. C. Westminster, Md. Ellicott City, Md. Baltimore, Md. Tampa, Fla. Baltimore, Md. Frederick, Md. Frederick, Md. Westminster, Md. Cedarhurst, Md. Baltimore, Md. Westminster, Md. Fairhaven, Mass. Westminster, Md.

Union Bridge, Md.

Baltimore, Md.

Baltimore, Md. Tampa, Fla. Manchester, Md. Greenbelt, Md. Denton, Md. East Orange, N. J.

Baltimore, Md. Frederick, Md. Westminster, Md. Baldwin, N. Y. Keymar, Md. Baltimore, Md. Centreville, Md. Baltimore, Md. Baltimore, Md. New Freedom, Pa. Baltimore, Md. Westminster, Md. Westminster, Md. Baltimore, Md. Randallstown, Md. Curwensville, Pa. Baltimore, Md. Mocanaqua, Pa. Baltimore, Md. Baltimore, Md. Brooklyn, N. Y. Brooklyn, N. Y. Mahanoy City, Pa.

Senior

Name Joseph Fenton Lacount Vincent Richard Landau Walter Milton Lanius, Jr. Jack Lewis Larrimore Thomas Andrew Larsen Louis Kenneth Lassahn Leo Jerome Lathroum Curtis Pickford Laupheimer Kenneth Roland Lawson Roland Vanderbilt Layton Ernest Henry Leap, Jr. Ellis Molesworth Leatherwood Harris William LeFew Herbert Houck Leighton Seymour Lemeshow Charles Lee Leonard James Marshall Leonard Melvin Edward Leppo Claude Francis Libis Donald Hermon Lichty Frank Ligorano Donald Lovis Lilly Woodrow Benjamin Lippy Robert Sydney Lizer Jay Adrian Lockman Albert Paul Lovelace Joseph Anthony Luperini Howard Lester Lynch Albert Cummins Lynn

Kendrick Marshall McCall Lawrence Lee McClurg Ernest Keese McFadden, Jr. John William McGrew Cameron McIntire Walter McJilton Joseph Anthony Maciejczyk Aloysius William Malone Charles Armistead Mann Jerold Floyd Mann Attillio Margarita Gruver Howard Martin Robert Anthony Martin Ned Allen Masenheimer Robert Koons Mathias Malcolm Lee Meltzer Martin Russell Mettee Frederick Emil Michelfelder Frank Keller Middleton Harry Budd Miles William Henry Miller William Ralph Mishler Richard Lewis Mohlhenrich

Senior Freshman Sophomore Sophomore **Iunior** Special Freshman Sophomore Senior Freshman Junior Sophomore Freshman Sophomore Senior Freshman **Junior** unior Junior Sophomore Freshman Sophomore Senior Sophomore Freshman Junior Freshman Freshman Sophomore

Classification

Freshman Sophomore Senior **Iunior** Freshman Junior Iunior Iunior Freshman Senior Sophomore Junior Junior Sophomore Senior Freshman Freshman Junior Senior Sophomore Freshman **Junior** Freshman

Address Martinsburg, W. Va. Reisterstown, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Philadelphia, Pa. Westminster, Md. Hurlock, Md. Cambridge, Md. Mt. Airy, Md. Hagerstown, Md. Oakland, Md. Brooklyn, N. Y. Baltimore, Md. Trappe, Md. Westminster, Md. Milton, Del. Washington, D. C. Medford, Mass. Baltimore, Md. Manchester, Md. Williamsport, Md. Philadelphia, Pa. Brunswick, Md. Baltimore, Md. Westminster, Md. Washington, D. C.

Chevy Chase, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Mt. Airy, Md. Dundalk, Md. Hunlock Creek, Pa. Westminster, Md. Randallstown, Md. Westminster, Md. Revere, Mass. Westminster, Md. Baltimore, Md. Hanover, Pa. Westminster, Md. Baltimore, Md. Baltimore, Md. Linwood, Md. Glassboro, N. J. Upper Fairmount, Md. Baltimore, Md. Johnstown, Pa. Baltimore, Md.

Lawrence Walter George Oberc James Howard Ogden John Joseph O'Hara Carlo Joseph Ortenzi Harold Lee Orth Dorsey Edgar Osborn Frederick Conrad Osing Lloyd Owens

John Sanford Noble, Jr.

Edward Steele Nordby

Henry Robert Norman

Richard Arden Palmer Charles Carroll Parker Johnnie Henry Parker David Hales Patten Alvin Paul Douglas Frank Paulsen Clifton Joseph Pedone Howard Douglas Pender Chester Maurice Peregoy Calvin Franklin Pettit Clifford Edward Pfaff George William Pferdeort Albert Aldridge Phillips George Walter Piavis Walter George Piavis, Jr. Richard Vernon Piel Louis Pietroforte Richard Douglas Pindell Daniel Elvin Pinholster, Jr. Allan Maurice Pirie Donald Philip Playne Jay Martin Poland William Rollins Porter

Theodore Walter Quelch

Classification Senior Freshman
Freshman
Sophomore
Junior
Junior
Junior
Sophomore
Sophomore
Freshman
Sophomore
Junior
Fueshman

Freshman Senior Sophomore Junior Sophomore Sophomore

Sophomore Junior Senior Senior Sophomore Junior Senior Freshman

Senior Sophomore Junior Sophomore **Junior** Freshman Sophomore Senior Freshman Junior Sophomore Junior Senior Senior Junior Freshman Freshman Sophomore Sophomore Freshman Junior Sophomore Sophomore Address
Baltimore, Md.
Baltimore, Md.
Baltimore, Md.
Baltimore, Md.
Frederick, Md.
Oaklyn, N. J.
Oaklyn, N. J.
Westminster, Md.
Westminster, Md.
Sykesville, Md.
Westminster, Md.

Baltimore, Md.

Athens, Greece Millville, Del.

Newark, Del.

Syracuse, N. Y.

Trenton, N. J.
Prince Frederick, Md.
Darby, Pa.
Baltimore, Md.
Baltimore, Md.
Reisterstown, Md.
Baltimore, Md.
Riderwood, Md.

Merchantville, N. J.

Greenbelt, Md. Honga, Md. Whaleysville, Md. Baltimore, Md. Baltimore, Md. Brooklyn, N. Y. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Hanover, Md. Westminster, Md. Hampstead, Md. Westminster, Md. Glen Lyon, Pa. Baltimore, Md. Visalia, Calif. Baltimore, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Westminster, Md. Chase, Md.

Junior

Wanamassa, N. J.

Keith Benson Radcliffe, Jr. Charles Augustus Rahter Park James Ranck Richard Colvin Randall, Jr. Edwin William Ransford Norman Edwin Regan Richard George Renz Kyle Winfield Resh William Edward Rhoads Robert Henry Rhodes, Jr. Millard Lee Rice William Kelley Rice, Jr. Elmer Richards, Jr. Bernard Raymond Ridgell, Jr. George Parker Riegel, Jr. Robert Benjamin Rigler John Burns Roberts James Bell Roch Thomas Biddle Roch John William Rogers Lloyd Russell Rogers, Jr. Walter Howard Rollison William Richard Rosenberger

Philip Sack Lester Duane Saltzgaver Bernard Sandler Thomas Henry Sands David Robert Sartorio William Mellinger Sausser Paul Lester Schaefer Carroll Russell Schaeffer, Jr. John Calvin Schaeffer Philip Blettner Schaeffer Paul Schatzberg William David Scheder Harry Cake Schreck William Zwayer Schreck Earl Wesley Schultz, Jr. Edward Trimble Seemer, Ir. William Wertz Seibert John Oliver Seiland Russell Armstrong Sellman George Albert Seymour, Jr. Elmer Elmando Sgariglio John Richard Sgariglio Joseph Christopher Shallenberger William Howard Shannon Thomas Nagle Shaw Carlton Anderson Shea Luther Widerman Shepherd Robert Harold Shoemaker Charles Amon Shook

Classification Address Baltimore, Md. Freshman Harrisburg, Pa. Senior New Holland, Pa. Freshman Haddonfield, N. J. Junior Baltimore, Md. Gardner, Mass. Freshman Freshman Westminster, Md. Freshman Union Bridge, Md. Sophomore Rocks, Md. Freshman Baltimore, Md. Junior Senior Washington, D. C. Germantown, Md. **Iunior** Sophomore Baltimore, Md. Sophomore Baltimore, Md. Reisterstown, Md. Freshman Westminster, Md. Junior Army Chemical Center, Md. Junior Westminster, Md. Sophomore Freshman Westminster, Md. Westminster, Md. **Junior** Baltimore, Md. unior Washington, D. C. Freshman Westminster, Md. Freshman

New Rochelle, N. Y. Freshman Westminster, Md. Junior Baltimore, Md. Freshman Baltimore, Md. Long Island City, N. Y. Junior Sophomore Braddock Heights, Md. Junior Baltimore, Md. Sophomore Westminster, Md. **Iunior** Westminster, Md. unior Westminster, Md. Senior Freshman Baltimore, Md. Baltimore, Md. Freshman Dundalk, Md. Junior Freshman Dundalk, Md. Sophomore Hampstead, Md. Baltimore, Md. Sophomore Junior Hanover, Pa. Freshman Baltimore, Md. Westminster, Md. Baltimore, Md. Camden, N. J. Senior Sophomore Freshman Camden, N. Sophomore **Junior** Baltimore, Md. Sophomore Baltimore, Md. Sophomore Baltimore, Md. Freshman Naugatuck, Conn. Junior Hardwood, Md. Westminster, Md. Sophomore Frederick, Md. Freshman

Walter Edward Sibiski Luther Frank Sies Frederick William Siffrin John Ferdinand Silber Roger William Simpkins Aloysius John Skvarek Gordon Gerald Slacum Guy Raymond Smith Jeffrey Bordeaux Smith Ralph DeLa Smith, Jr. William Harrington Smith James Donald Smyth John Turnbull Spicknall George Louis Spittel Jesse Lee Starkey Frank William Stephenson, Jr. Robert Theodore Sterling Norman Alan Stern John Edward Sternberg Norman Sylvester Stewart Henry David Stone Richard Lee Stone Thomas Stone Leon Eugene Stover Linden Dulany Summers, Jr. John Robert Sutton, III Philip Stephen Suwall

Robert Marvin Talner
William Tanner
Paul Peter Tereshinski
Thomas Joseph Tereshinski
Floyd O'Neill Thomas
Joseph Marshall Thompson
Carroll Kloman Tinkler
Miles Dale Townsend
Harold Alton Travis
Robert Benjamin Treadway
Hugh Benjamin Tresselt
Donald Lee Trostle
George Tsouprake
Simon Tullai
David Edwin Turner
James Paul Twigg

Robert Thomas VanVliet Burt Charles Veres Raymond Bernard Via David Franklin Vick Americo Nickolas Vita Kenneth Lee Volkart

Robert Wilson Wagner Elwood Lee Wallich Sherwood George Walters Sophomore Senior Sophomore Sophomore Senior Freshman Freshman Sophomore Sophomore **Junior** Sophomore Senior Junior **Junior** Senior **Junior** Freshman Junior Sophomore Freshman Senior Freshman Sophomore Sophomore Senior Junior Sophomore

Freshman **Junior** Freshman Senior Junior Senior Freshman Freshman Junior Sophomore Senior Freshman Freshman Junior Junior Sophomore

Senior Sophomore Junior Special Freshman Senior

Senior Sophomore Junior

Baltimore, Md. Westminster, Md. Frederick, Md. Baltimore, Md. Princess Anne, Md. Mocanaqua, Pa. Taylors Island, Md. Hurlock, Md. Baltimore, Md. Washington, D. C. Westminster, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Pittsburgh, Pa. New York, N. Y. Baltimore, Md. Perryville, Md. Sykesville, Md. Union Bridge, Md. Waldorf, Md. Waldorf, Md. Westminster, Md. Baltmore, Md. Baltimore, Md. Baltimore, Md.

New Rochelle, N. Y.
Frederick, Md.
Glen Lyon, Pa.
Glen Lyon, Pa.
Westminster, Md.
Oxford, Pa.
Finksburg, Md.
Baltimore, Md.
Westernport, Md.
Manchester, Md.
Westminster, Md.
Hanover, Pa.
New Bedford, Mass.
Westminster, Md.
Powellville, Md.
Cumberland, Md.

Silver Spring, Md. Millersville, Md. Washington, D. C. Westminster, Md. Medford, Mass. Aberdeen, Md.

Hampstead, Md. Ellicott City, Md. Westminster, Md.

Glen Lyon, Pa.

Westminster, Md.

Name
Roy Henry Wampler
Sherman Preston Wantz
George Fletcher Ward, Jr.
Joseph Shoyer Ward
Delmar Hahn Warehime
Charles Luther Warner, Jr
Thomas Raymond Watson
Douglas Weaver
Daniel Irvin Welliver
Stewart Hazen Werner
Charles Vernon West
Galen Rogers White
Albert John Wildberger
James Gordon Wilfon
Charles Archie Williams
John Mann Williams
Norman Edgar Williams
Robert Ringgold Wilmer
Robert David Wilsey
Joseph Samuel Wilson
George Frank Winfrey
Stefan Winiarz-Dejter
Samuel Winston
Edward Herbert Wright
Phillip Orin Wroten
Time Position

Robert Maxwell Yaeger Alfred Raymond Yaglinski Robert Luther Youngblood Yi-Yuan Yu

Leonard Joseph Zawacki James Earl Levine Zile

Classification	Address
Junior	Westminster, Md.
Junior	Baltimore, Md.
Junior	Baltimore, Md.
Senior	Short Hills, N. J.
Sophomore	Westminster, Md.
Senior	Baltimore, Md.
Freshman	Wilmerding, Pa.
Junior	Bellerose, N. Y.
Sophomore	Westminster, Md.
Sophomore	Madison, N. J.
Sophomore	Annapolis, Md.
Sophomore	New York, N. Y.
Senior	Baltimore, Md
Freshman	West Collingswood, N. J.
Sophomore	Hanover, Pa
Freshman	Cumberland, Md
Freshman	Washington, D. C.
Sophomore	La Plata, Md
Freshman	Oneonta, N. Y
Senior	Westminster, Md
Sophomore	Baltimore, Md
Freshman	Sykesville, Md
Freshman	New Rochelle, N. Y
Junior	Manassas, Va
Senior	Crisfield, Md
Freshman	Trenton, N. J
Sophomore	Chester, Pa
Senior	Woodbury, N. J
Special	Peiping, China

WOMEN

Sophomore

Freshman

" OTHER	
Classification	Address
Sophomore	Takoma Park, Md.
Senior	Cambridge, Md.
Sophomore	Taneytown, Md.
Junior	Frostburg, Md.
Sophomore	Washington, D. C.
Junior	Seat Pleasant, Md.
Senior	Baltimore, Md.
Sophomore	Finksburg, Md.
Senior	Baltimore, Md.
Freshman	Baltimore, Md.
Sophomore	Silver Spring, Md.
Sophomore	Cumberland, Md.
Freshman	Westminster, Md.
Freshman	Smithsburg, Md.
Junior	Baltimore, Md.
Freshman	Hampstead, Md.
	Sophomore Senior Sophomore Junior Sophomore Junior Senior Sophomore Senior Freshman Sophomore Sophomore Freshman Freshman Junior

Name Ninita Barkman Maitland Lucille Barnes Kathryn Augusta Barnsley Anna Mildred Baughman Betty Jane Bayliss Elizabeth Jane Beamer Nancy Louise Beamer Phyllis Cora Beamer Jean Anne Bear June Lorraine Beaver Marion Ottilie Beck Helen Marie Becker Mary Elizabeth Becker Bettye Muriel Benson Carolyn Benson Janice Meriam Benson Marian Jeannette Benton Bertha Bern Margaret Louise Beyer Asulia Jane Birch Jessie Catherine Bishop Mary Elizabeth Bishop Rita Mae Bittle Clarabelle Lee Blaney Edyth Louise Blanton Katherine Eleanor Bliss Doris Jean Boller Sarah Nancy Bounds Margaret Arletta Bowen Marilyn Lee Brilhart Alice Virginia Brodrick Shirley Ruth Brooks Florence Jeanne Brown Jacqueline Marquette Brown Janet Marie Brown Jo Ann Fay Brown Katherine Louise Brown Margaret Jean Brown Patricia Ann Brown Carmela Cox Bruner Olga Marie Bruning Martha Virginia Buchman Catherine Georgia Buckel Margaret Elizabeth Buderer Madeline Jean Buhrman Julia Francisca Butler

Olive Dorothy Cathell Amy Adaline Chamberlin Patricia Chatterton Janice Marietta Chen Mary Ruth Childs Maida Ching Classification Address **Junior** Ardmore, Pa. Freshman Westminster, Md. Special Baltimore, Md. Sophomore Somerset, Pa. Arlington, Va. Westminster, Md. Freshman Sophomore Westminster, Md. Senior Westminster, Md. Special Harrisonburg, Va. Baltimore, Md. Freshman Freshman Senior Baltimore, Md. Senior Washington, D. C. Junior Baltimore, Md. Junior Baltimore, Md. Westminster, Md. **Junior** Freshman Baltimore, Md. Upper Montclair, N. J. Freshman Flushing, N. Y. **Iunior** Sophomore Baltimore, Md. Freshman Baltimore, Md. Baltimore, Md. Senior Monkton, Md. Freshman Freshman Oakland, Md. Senior Baltimore, Md. Freshman Baltimore, Md. Freshman Takoma Park, Md. Thurmont, Md. Junior Sophomore Salisbury, Md. Stanhope, N. J. Freshman Manchester, Md. Junior Iunior Baltimore, Md. Baltimore, Md. **Junior** West Grove, Pa. Junior Freshman Westminster, Md. Senior Baltimore, Md. Senior Brunswick, Md. Senior Ellicott City, Md. Sykesville, Md. Freshman Senior Salisbury, Md. York, Pa. Sophomore Baltimore, Md. Hampstead, Md. Sophomore Freshman Senior Baltimore, Md. Baltimore, Md. Junior Graceham, Md. Senior Palatka, Fla. Sophomore Senior Baltimore, Md. Freshman Kingston, Md. Baltimore, Md. Senior

Union Bridge, Md.

Baltimore, Md.

Honolulu, T. H.

Freshman

Junior

Junior

Name Shirley June Clark Beatrix Jane Clarke Maradel Rue Clayton Virginia Francis Clayton Jacqueline Anne Clemett Grace Elayne Close Marguerite Townshend Clossman Marian LeRue Coblentz Helene Rita Cohen Jean Frances Cohen Eleanor Peers Collins Frances Jane Conaway Mary Jane Corbett Ida Carol Cromer Phyllis Virginia Cromwell Elizabeth Ann Crosswhite Angela Louise Crothers Adelaide Curry Crow

Dorothy Virginia Dalgleish Jean Marie Daughtrey Phyllis Lowery Davidson Eva Mae Davis Betty Lou Day Doris Esther Dearholt Eveline Yvonne deJong Merilyn DeMott Jean Marie Dennison Gennette Jean Dingus Audrey Louise Dixon Betty Jane Dixon Mary Sewell Dixon Barbara Anne Dodd Helen Virginia Dodd Mary Elizabeth Dodd Mary Margaret Dom Barbara Ruth Donley Sandra Donovan Sherry Wight Donovan Edith Ann Doolittle Mary Anna Draper Betty Miles Duvall

Kitty Love Earnshaw Marjorie Smith Eccles Mildred Ohler Ecker Margaret Anne Eierman Evelyn Mae Eisenberger Kathryn Elizabeth Emory Irma Irene Eney Anna Mary Englar Marion Virginia Engle Rachel May Ennis Classification Sophomore Junior Junior Sophomore Sophomore Sophomore Junior Sophomore Freshman Junior Senior Junior Senior Sophomore Freshman Freshman Freshman Senior

Freshman Junior Senior Sophomore Sophomore Freshman Freshman Freshman Freshman Junior Iunior Junior Iunior Iunior Senior Senior Senior Sophomore Sophomore Sophomore Sophomore Freshman Freshman

Freshman Special Senior Senior Sophomore Freshman Junior Junior Junior Freshman Sophomore

Address Keyport, N. J. Towson, Md. Baltimore, Md. Westminster, Md. Brooklyn, N. Y. Baltimore, Md. Washington, D. C. Reisterstown, Md. Glen Cove, N. Y. Baltimore, Md. Quakertown, Pa. Mt. Airy, Md. Gettysburg, Pa. Baltimore, Md. Towson, Md. Hyattsville, Md. Elkton, Md. Towson, Md.

Westminster, Md. Bowling Green, Va. Stevensville, Md. Baltimore, Md. Westminster, Md. Fayetteville, Pa. Catonsville, Md. Silver Spring, Md. Washington, D. C. Charlotte, N. C. Washington, D. C. Galesville, Md. Galesville, Md. Cos Cob, Conn. Cos Cob, Conn. Cos Cob, Conn. Cumberland, Md. Isaban, W. Va. Dundalk, Md. Wilmington, Del. Cumberland, Md. Pikesville, Md. Croom, Md.

Brandywine, Md.
Westminster, Md.
Taneytown, Md.
Baltimore, Md.
Mt. Airy, Md.
Baltimore, Md.
New Windsor, Md.
Arlington, Va.
Parsonsburg, Md.

Name
Betty Jean Ferris
Mary Katharine Fielder
Elizabeth Fisher
Katharine Reid Flindell
Gilda Frank
Madeline Iris Franklin
Beulah Harris Fritz
Geraldine LaRue Frizzell
Mary Catharine Frounfelter
Shirley Myers Frounfelter
Betty Jean Funk
Evelyn Elizabeth Fuss
Rena Doris Fuss

Dorothy Inez Gamber Janice Lee Ganz Claramay Garlock Rita Mae Gattens Annabel Glockler Betty Louise Glotfelty Charlotte Anne Goodrich Sarah Louise Gordy Joyce Evelyn Gorsuch June Marie Graf Virginia Louise Gratehouse Eleanor Adele Grauel Marian Frances Greifenstein Janice Lee Grimm Betty Jane Groby Esther Caroline Gutbub Elsie Jane Guttmann

Rebecca Lillian Haile Loma Ruth Haines Suzanne Hall Ada Lee Hardester Betty Louise Harlow Gladys Naomi Harper Nancy Gay Haskin Clara Marie Hatton Ernestine Josephine Henningsen Janet Marie Hering Mary Alice Hershfeld Anna Jane Hess Mary Ellen Hess Ann Louise Hicks Lois Maryland Hicks Janet Franklin Hill Millicent Marie Hillyard Ruth Joyce Hinkle Lenore Estelle Hoffman Ruth Christine Holland Mary Ann Hollander

Classification
Senior
Senior
Freshman
Junior
Freshman
Senior
Sophomoree
Senior
Senior
Sophomore
Sophomore
Sophomore
Special
Senior

Junior Senior Senior Freshman Senior **Iunior** Iunior Senior Junior Sophomore Freshman Junior Junior Sophomore Sophomore Junior Sophomore

Senior Special Sophomore Sophomore Freshman Senior Senior Sophomore Freshman Freshman Senior Senior Freshman Freshman Freshman Freshman Junior Junior **Junior** Sophomore Junior

Address
Washington, D. C.
Bel Air, Md.
Baltimore, Md.
Summit, N. J.
Glen Cove, N. Y.
Woodbine, Md.
Philadelphia, Pa.
Westminster, Md.
Westminster, Md.
Westminster, Md.
Harrisonburg, Va.
Union Bridge, Md.
Beverly, N. J.

Catonsville, Md.
Towson, Md.
Catonsville, Md.
Frostburg, Md.
Washington, D. C.
Accident, Md.
Catonsville, Md.
Pocomoke City, Md.
Havre de Grace, Md.
Cumberland, Md.
Baltimore, Md.
Greenbelt, Md.
Greenbelt, Md.
Bexley, Ohio
East Bangor, Pa.
Baltimore, Md.

Towson, Md. Westminster, Md. Marion, Md. Pocomoke City, Md. Washington, D. C. Hurlock, Md. Washington, D. C. Baltimore, Md. Seaford, Del. Westminster, Md. St. Dennis, Md. Merchantville, Md. Merchantville, Md. Baltimore, Md. Glen Ridge, N. J. Baltimore, Md. Elkton, Md. Baltimore, Md. Baltimore, Md. Salisbury, Md. Washington, D. C.

Name
Roberta Mildred Hollenshade
Doris Wright Holmes
Rachel Read Holmes
Laura Marilyn Hooper
Melva Maxene Hoover
Adelene May Hopkins
Emma Mae Horn
Phyllis Louise Houck
Evelyn Hoyle
Louise Edna Hyder

Dorothy Louise Jacobson Charlotte May Janney Dorothy Elaine Johnson Josephine Llye Johnson Doris May Joiner Barbara Ann Jolley Mary Frances Jones Eleanor Lee Joyner

Harriett Jeanne Kahn Barbara Jane Keesler Mary Frances Keiser Lois Jean Updike Kelbaugh Hope Kellam Peggy Antes Kerns Patricia Dumire Kimble Jeanne Roselle Kimmel Jacqueline Ann Kingsley Christine Virginia Kintz Elizabeth Drenner Kline Jean Marie Knox Marcia Patton Koblegard Joanne Mae Koehler Theoda Lee Kompanek Claire Dorothy Krakau Carol Jean Krebs

Ednell Mae Langrall
Priscilla Lankford
Sara Lee Larmore
Margaret Ann Larsen
Anna Marie Lawson
Jeannette Elnora Leake
Jacqueline Ledden
Eleanor Walsh Lee
Betty Jean Lenz
Elisabeth Anne Lewis
Jane Randell Lianos
Helen Beth Lindahl
Florence Lindsay
Lillian Janette Lines
Helen Lingenfelter

Classification	Address
Freshman	Baltimore, Md.
Junior	Washington, D. C.
Freshman	Bel Air, Md.
Freshman	Morgantown, W. Va.
Sophomore	Accident, Md.
Senior	Salisbury, Md.
Freshman	Baltimore, Md.
Senior	Woodsboro, Md.
Freshman	Silver Spring, Md.
Sophomore	Westminster, Md.

Sopnomore	
Sophomore	
Freshman	
Freshman	
Sophomore	
Senior	
Senior	
Senior	
Freshman	
Junior	
Freshman	
Senior	
Senior	
Freshman	
Junior	
Senior	
Sophomore	
Sophomore	
Freshman	

Senior

Junior

Senior

Freshman

Freshman

Senior Sophomore Sophomore Sophomore Senior Freshman Senior Sophomore Junior Junior Freshman Special Senior Senior

Junior

Seven Valley, Pa.

Baltimore, Md.
Pasadena, Md.
Waynesboro, Va.
Thurmont, Md.
Baltimore, Md.
Westminster, Md.
Onancock, Va.
Trucksville, Fla.
New Windsor, Md.
Bowie, Md.
Baltimore, Md.
Clarksburg, W. Va.
Pottstown, Pa.
Cumberland, Md.
Baltimore, Md.
Nutley, N. J.

Arlington, Va.

Lutherville, Md.

Crownsville, Md.

Baltimore, Md.

Pelham, N. Y. Salisbury, Md.

Manahawkin, N. J.

Salisbury, Md.
Pocomoke City, Md.
Tyaskin, Md.
Westminster, Md.
Uniontown, Md.
Snow Hill, Md.
Gloucester City, N. J.
Perryman, Md.
Baltimore, Md.
Baltimore, Md.
Washington, D. C.
Katrineholm, Sweden
Westminster, Md.
Jefferson, N. Y.
Havre de Grace, Md.

Name
Elizabeth Marbury Linton
Marian Jean Lippy
Betty Little
Anne Elizabeth Lockey
Thelma Elizabeth Lovelace
Evelyn Marie Loveless
Carol Mae Lowe
Rita Caroline Ludwig

Nancy Jane McAllister
Dorothy Mae McClayton
Betty Lee McFarland
Aileen Doris McIntyre
Janice King McKaig
Patricia Ruth McLaren
Annette Cowman McMahan
Caroline Pattison McNabb

Grace Morton Magee Katharine Merritt Manlove Priscilla Agnes Mann Ruth Jeanette Marsden Catherine Alba Marshall Elizabeth Marshall Betty Harrison Mason Gretchen Bell Matthews Doris Jean Mellon Marian Meredith Helen Lois Miles Ellen Lucille Miller Beverly June Milstead Betty Jean Minnis Patricia Ann Moore Patricia Sylvia Moore Barbara Lee Morris Mary Isabel Mott Charlotte Gertrude Myers Virginia Lee Myers

Eleanor Jane Nettleship Joan Elizabeth Newell Ruth Ann Newton

Mildred Anne O'Dea Edith Eileen Ogden Mary Ruth O'Kelly Kitty Lou Olewiler Elaine Frances Ominsky Patricia Miskimon Outerbridge

Jean Lee Palmer Joyce Margaret Parker Mary Lou Parris Gladys Lauretta Paskoski

Classification	Address	
Freshman	Grayton, Md.	
Freshman	Westminster, Md.	
Senior	Pittsburg, Pa.	
Sophomore	Milford, Mass.	
Freshman	Baltimore, Md.	
Freshman	Croome Station, Md.	
Sophomore	Stewartstown, Pa.	
Sophomore	Little Falls, N. J.	
Junior	Coatesville, Pa.	

Junior Coatesville, Pa.
Sophomore Baltimore, Md.
Sophomore Catonsville, Md.
Sophomore Army Chem. Center, Md.
Freshman Westminster, Md.
Junior Easton, Md.
Junior Crestwood, N. Y.

Special Westminster, Md. Cecilton, Md. Junior Special Westminster, Md. Sophomore Baltimore, Md. Senior Brooklyn Park, Md. Special Westminster, Md. Junior Queen Anne, Md. Freshman Baltimore, Md. Freshman Baltimore, Md. Senior Woodbury, N. J. Junior Nutley, N. Senior Hagerstown, Md. Freshman Washington, D. C. Junior Whiteford, Md. Sophomore Queen Anne, Md. Baltimore, Md. Freshman Senior Ocean City, Md. City, N. J. York, Pa. **Junior** Gloucester Freshman Sophomore Severn, Md.

Sophomore Silver Spring, Md.
Freshman Oraville, Md.
Westminster, Md.

Freshman
Junior
Senior
Freshman
Junior
Junior
Freshman
Freshman
Junior
Freshman
Fottstown, Pa.
Baltimore, Md.
Baltimore, Md.
Freshman
Fottstown, Pa.
Baltimore, Md.
Freshman
Fottstown, Pa.
Baltimore, Md.
Freshman
Fottstown, Pa.
Baltimore, Md.
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Freshman Sophomore Senior Freshman Catonsville, Md. Rochester, N. Y. Baltimore, Md. Baltimore, Md.

Name
Jeanne Marie Patterson
Dorothy Tiemeyer Payant
Barbara Lee Payne
Joan Marie Pfeifer
Barbara Jeanne Pfoutz
Nancy Jane Phillippe
Doris Lee Phillips
Jane Pitcher
Gladys Wells Poland
Martha Anne Powell
Elinor Price
Mary Jane Price
Mildred Frances Price

Darse LaRue Quesinberry

Ava Oneida Rakes Elizabeth Jane Ranck Janet Auguste Raubenheimer Fern Annette Ray Helen Louise Ray Jean Elizabeth Reamer Louise Morris Reese June Laurell Reinhardt Florence Hering Rice Pauline Louise Ridenour Virginia Anne Riker Doris Marie Ritter Betty Lee Robbins Barbara Alice Roberts Miriam Eleanor Roberts Norma Ruth Roberts Mary Edna Robinson Elinor Dulany Rogers Jeanne Riggs Rogers Virginia Louise Ross Anita Elizabeth Rowan Lois Ann Royer Ruth Christine Royer Dorothy Elizabeth Rupert Mary Jean Rupert Margaret Ann Ruppenthal

Audrey Rita Samuels
Edith Lee Sanner
Carolyn Wells Sapp
Louise Sunderland Sapp
Gladys Elaine Sause
Jean Muriel Sause
Catherine Lois Sauter
Martha Elizabeth Schaeffer
Mary Louis Schanze
Eleanor Harriet Schilke

Classification	Address
Senior	Washington, D. C.
Freshman	Baltimore, Md.
Freshman	Salisbury, Md.
Freshman	Baltimore, Md.
Freshman	Westminster, Md.
Freshman	Cranford, N. J.
Freshman	Hurlock, Md.
Sophomore	Wyckoff, N. J.
Junior	Westminster, Md.
Junior	Rockville, Md.
Sophomore	Drexel Hill, Pa.
Junior	Frostburg, Md
Junior	Easton, Md.

Freshman

Union Bridge, Md.

Westminster, Md.

Hagerstown, Md. Hagerstown, Md.

Cumberland, Md.

Freshman	New Windsor,	Md.
Junior	New Holland,	Pa.
Junior	Cranford, N	. I.
Senior	Baltimore,	Md.
Sophomore	Baltimore,	
Junior	Penns Grove, N.	I.
Junior	Lutherville,	
Freshman	Baltimore,	
Sophomore	Baltimore,	
Freshman	Lantz,	
Junior		Del.
Junior		Md.
Sophomore		Md.
Freshman		Md.
Special		Md.
Sophomore	Baltimore,	Md.
Senior		Md.
Senior		Md.
Junior		Md.
Senior		Md.
Sophomore	Street,	
Junior		Md.
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Glen Cove, N. Y. Freshman Clarksville, Md. Sophomore Junior Lutherville, Md. Lutherville, Md. Iunior Baltimore, Md. Senior Baltimore, Md. Junior Ellicott City, Md. Sophomore Wesminster, Md. Sophomore Freshman Baltimore, Md. Westmont, N. J. Senior

Senior

Junior

Junior

Freshman

Name Dorothy Gertrude Scott Helen Louise Scott Patricia Emily Shear Mary Ann Shepherd Dorothy Mae Shindle Alice Mildred Shipley Elizabeth Lankford Shivers Patricia Louise Shockley Anne Hazel Shuppert Sheila Hope Siegel Miriam Leftwich Simmons Jean Marie Simms Jeannette Brown Simpson Dorothy Louise Smith Gay Marguerite Smith June Caprice Smith Mary Ellen Smith Phyllis Elisabeth Smith Sarah Elizabeth Smith Jean Lee Somerville Audrey Lorraine Soper Barbara Jewell Sowers Patricia Feild Sparling Audra Claire Speicher Peggy Anne Stacy Mary Louise Stagg Bertha Elizabeth Staley Wilma Lee Steele Susan Stoddard Steelman Norah Jeanne Stein Ruby Lillian Stein Shirley May Stevenson Patricia Joy Sulzbach

Allie Aileen Taylor
Betsy Ann Taylor
Nora Elizabeth Taylor
Mary Anne Thomas
Anne Louise Thompson
Mildred Miles Thorpy
Peggy Ann Timmons
Patricia Anne Tobey
Mary Elizabeth Todd
Mary Dexter Tompkins
Jean Ellen Tull
Gladys Elisabeth Turner
Mary Ada Starr Twigg

Ann May Van Order Doris May Vansant Viola Ruth Volk Dorothy Eveline Von Briesen Classification Address Senior Kensington, Md. Senior Ellicott City, Md. Freshman Falls Church, Va. Harwood, Md. Freshman Sophomore Baltimore, Md. Senior Westminster, Md. Allen, Md. Freshman Salisbury, Md. Freshman -Monkton, Md. Junior New York, N. Y. Sophomore Sophomore Washington, D. C. Freshman Bel Alton, Md. York, Pa. Junior Freshman Saginaw, Mich. **Iunior** Falls Church, Va. Senior Chevy Chase, Md. Sophomore Baltimore, Md. Freshman Bethesda, Md. Church Hill, Md. Senior Senior Darlington, Md. New Windsor, Md. Special Hagerstown, Md. Innior Freshman East Bridgewater, Mass. Junior Grantsville, Md. Sophomore Baltimore, Md. **Iunior** Westminster, Md. Junior Washington, D. C. Junior Cumberland, Md. Ellicott City, Md. Senior Glen Burnie, Md. Senior Senior Great Neck, N. Y. Glen Burnie, Md. Brooklyn, N. Y. Freshman Freshman

Senior Junior Sophomore Junior Sophomore Freshman Freshman Freshman Senior Senior Senior Junior Junior

Freshman Junior Junior Freshman Carrollton, Md.
Greensboro, Md.
Painter, Va.
Easton, Md.
Severna Park, Md.
Havre de Grace, Md.
Bishop, Md.
Washington, D. C.
Baltimore, Md.
Baltimore, Md.
Federalsburg, Md.
Clifton, N. J.
Westminster, Md.

Caldwell, N. J. Baltimore, Md. Delmar, Del. Washington, D. C.

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Name	Classification	Address
Louray Ottilie Wagner	Sophomore	Baltimore, Md.
Helen Estelle Walker	Senior	Frederick, Md.
Beverly Vaughan Wallis	Senior	Linthicum Heights, Md.
Virginia Gregory Walters	Senior	New York. N. Y.
Audrey Jean Watkins	Junior	Monrovia, Md.
Phyllis Weaver	Junior	Bellerose, N. Y.
Eileen Mildred Weeks	Junior	Baltimore, Md.
Hazel Edith Weeks	Senior	Baltimore, Md.
Shirley Marie Wells	Junior	Ellicott City, Md.
Maggie Edith Wentz	Junior	Lineboro, Md.
Reba Victoria Wentz	Senior	Manchester, Md.
Ruth Virginia Wentz	Senior	Manchester, Md.
Reba Julia Wharton	Sophomore	Golts, Md.
Elizabeth Jeannette White	Sophomore	Bloomfield, N. J.
Ellen Jane Widdoes	Freshman	Coatesville, Pa.
Katharine Sullivan Widener	Special	Westminster, Md.
Dorothy Louise Wilder	Senior	Washington, D. C.
Charlotte Lucille Wilderson	Freshman	Elkridge, Md.
Elizabeth Anna Wiley	Freshman	White Hall, Md.
Elizabeth Lee Wiley	Sophomore	Silver Spring, Md.
Mary Mathilda Will	Sophomore	Baltimore, Md.
Mary Ruth Williams	Freshman	Hurlock, Md.
Ruby Lee Williams	Sophomore	Washington, D. C.
Mary Joan Williamson	Freshman	Baltimore, Md.
Anne Murphy Wilson	Senior	Westminster, Md.
Sonya Rose Wine	Freshman	Bethesda, Md.
Nancy Lee Winkelman	Freshman	Baltimore, Md.
Martha Virginia Witter	Senior	Catonsville, Md.
Mary Ruth Woodfield	Senior	Galesville, Md.
Shirley Jane Workman	Sophomore	Silver Spring, Md.
Virginia Ruth Wott	Junior	Baltimore, Md.
Helen Ann Wright	Senior	Gettysburg, Pa.
Norma Elizabeth Wright	Junior	Delmar, Del.
Shirley Sayre Wright	Freshman	Maplewood, N. J.
Ruth Reiver Wunder	Freshman Sh	enandoah Junc,. W. Va.
Helen Louise Wymer	Senior	Clarksburg, W. Va.
Alice Anne Yearley	Freshman	Towson, Md.
Shirley Louise Youngman	Freshman	Silver Spring, Md.
Jean Marie Zerbe	Freshman	Bethesda, Md.
Carolyn Hite Zimmerman	Junior	New Windsor, Md.
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SUMMER SESSION-1947

Stanley Leonard Abrams	Philadelphia, Pa.
Gerald Robert Ackerman	
Chauncey Godard Alcott	Hanover, Pa.
Jack Ammon	Westminster, Md.
William Gregory Anders	New Windsor, Md.
William Thomas Anderson	Westminster, Md.
William Thomas Barnes	Baltimore, Md.
Ralph Grayson Barrett	Timonium, Md.

George Henry Beck Bruce Corning Benson Linthicum Heights, Md. Charles Donald Benson Saltimore, Md. Frederick Matthias Benzinger Sparks, Md. Max Erwin Bertholf Summitser, Md. Louis Ross Bieretz Baltimore, Md. Louis Ross Bieretz Baltimore, Md. John Dieterle Blades Summit, N. J. Maurice Henry Blocher Hampstead, Md. Stanley Francis Block Baltimore, Md. Robert Naile Bond Richard Ronald Bornemann Reichard Ronald Bornemann Parkton, Md. Kenneth Thomas Bosley Sparks, Md. Henry George Bosz Baltimore, Md. Daniel Wesley Bradley James Walter Brewington Baltimore, Md. Salisbury, Md. Blaine Gilead Broadwater Union Bridge, Md. James Walter Brewington Baltimore, Md. Reichard Clayton Bucher, Jr. Robert Wilson Buck Lutherville, Md. Jack Gordon Buckingham Baltimore, Md. Kenneth Lee Buckingham Baltimore, Md. Kenneth Lee Buckingham Baltimore, Md. Kenneth Lee Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Lonel Burgess, Jr. Ellicott City, Md. Jollas Wilson Buter Thomas Ellsworth Butterbaugh Westminster, Md. Joseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Byron Thomas Chennel, Jr. Byron Thomas Chennel, Jr. Byron Thomas Chennel Byron Thomas		n 1.1 1.1
Charles Donald Benson Baltimore, Md. Prederick Matthias Benzinger Sparks, Md. Max Erwin Bertholf Westminster, Md. Louis Ross Bieretz Baldes Summit, N. J. Maurice Henry Blocher Hampstead, Md. Stanley Francis Block Baltimore, Md. Matthew William Bogdan Baltimore, Md. Robert Naile Bond Reisterstown, Md. Robert Naile Bond Reisterstown, Md. Renneth Thomas Bosley Sparks, Md. Henry George Bosz Baltimore, Md. Corville Clifford Bowersox New Windsor, Md. Daniel Wesley Bradley Westminster, Md. Balaime Gilead Broadwater Union Bridge, Md. James Walter Brewington Salisbury, Md. Blaine Gilead Broadwater Union Bridge, Md. Jack Gordon Buckingham Baltimore, Md. Renneth Lee Buckingham Baltimore, Md. Henry George Bosz Oscillation Buck Lutherville, Md. Jack Gordon Buckingham Baltimore, Md. Richard Clayton Bucher, Jr. Reading, Pd. Robert Wilson Buck Lutherville, Md. Jack Gordon Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Doseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Westminster, Md. Peter George Callas Hagerstown, Md. Westminster, Md. Doseph Callis, Jr. Silver Spring, Md. Clifford Stephens Case Baltimore, Md. Westminster, Md. Westminster, Md. Doseph Callis, Jr. Denton, Md. Salem, N. J. Salem, N.	George Henry Beck	Baltimore, Md.
Frederick Matthias Benzinger Max Erwin Bertholf Mostsminster, Md. Louis Ross Bieretz John Dieterle Blades Maurice Henry Blocher Hampstead, Md. Stanley Francis Block Matthew William Bogdan Reisterstown, Md. Robert Naile Bond Reisterstown, Md. Reineth Thomas Bosley Sparks, Md. Mothard Ronald Bornemann Parkton, Md. Renneth Thomas Bosley Sparks, Md. Menneth Thomas Bosdan Reisterstown, Md. Salltimore, Md. James Walter Brewington Baltimore, Md. Jake Gordon Bucker, Jr. Reading, Pa. Robert Wilson Buck Lutherville, Md. Jake Gordon Buckingham Baltimore, Md. Kenneth Lee Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Melyin Guy Buckingham Baltimore, Md. Meter George Callas Hagerstown, Md. Peter Selventh Butterbaugh Peter George Callas Baltimore, Md. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Baltimore, Md. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Westminster, Md. Mohonal Carnochal, Jr. Baltimore, Md. Westminster, Md. Westminster, Md.	Bruce Corning Benson	Linthicum Heights, Md.
Louis Ross Bieretz John Dieterle Blades Summit, N. J. Maurice Henry Blocher Maurice Henry Blocher Matthew William Bogdan Baltimore, Md. Robert Naile Bond Richard Ronald Bornemann Richard Ronald Bornemann Richard Ronald Bornemann Reisterstown, Md. Renneth Thomas Bosley Sparks, Md. Henry George Bosz Baltimore, Md. Orville Clifford Bowersox New Windsor, Md. Daniel Wesley Bradley James Walter Brewington Balaine Glead Broadwater James Robert Brown Balaine Glead Broadwater John Buck, Lutherville, Md. Jack Gordon Buckingham Reading, Pa. Reading, Pa. Reading, Pa. Rehert Wilson Buck Lutherville, Md. Jack Gordon Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Dallas Wilson Butler Thomas Ellsworth Butterbaugh Peter George Callas Hagerstown, Md. Joseph Callis, Jr. John Low Carnochan, Jr. Westminster, Md. Joseph Callis, Jr. John Low Carnochan, Jr. Hagerstown, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Lunion Bridge, Md. Clifford Stephens Case Baltimore, Md. Resert Baltimore, Md. Resert Baltimore, Md. Resert Scookerly Baltimore, Md. Baltimore, Md. Westminster, Md. Denton, Md. Resiterstown, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Denton, Md. Resiterstown, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Prinest S. Cookerly Baltimore, Md. Baltimore, Md. Baltimore, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Wes	Charles Donald Benson	Baltimore, Md.
Louis Ross Bieretz John Dieterle Blades Summit, N. J. Maurice Henry Blocher Maurice Henry Blocher Matthew William Bogdan Baltimore, Md. Robert Naile Bond Richard Ronald Bornemann Richard Ronald Bornemann Richard Ronald Bornemann Reisterstown, Md. Renneth Thomas Bosley Sparks, Md. Henry George Bosz Baltimore, Md. Orville Clifford Bowersox New Windsor, Md. Daniel Wesley Bradley James Walter Brewington Balaine Glead Broadwater James Robert Brown Balaine Glead Broadwater John Buck, Lutherville, Md. Jack Gordon Buckingham Reading, Pa. Reading, Pa. Reading, Pa. Rehert Wilson Buck Lutherville, Md. Jack Gordon Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Dallas Wilson Butler Thomas Ellsworth Butterbaugh Peter George Callas Hagerstown, Md. Joseph Callis, Jr. John Low Carnochan, Jr. Westminster, Md. Joseph Callis, Jr. John Low Carnochan, Jr. Hagerstown, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Lunion Bridge, Md. Clifford Stephens Case Baltimore, Md. Resert Baltimore, Md. Resert Baltimore, Md. Resert Scookerly Baltimore, Md. Baltimore, Md. Westminster, Md. Denton, Md. Resiterstown, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Denton, Md. Resiterstown, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Prinest S. Cookerly Baltimore, Md. Baltimore, Md. Baltimore, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Wes	Frederick Matthias Benzinger	Sparks, Md.
Louis Ross Bieretz John Dieterle Blades Summit, N. J. Maurice Henry Blocher Maurice Henry Blocher Matthew William Bogdan Baltimore, Md. Robert Naile Bond Richard Ronald Bornemann Richard Ronald Bornemann Richard Ronald Bornemann Reisterstown, Md. Renneth Thomas Bosley Sparks, Md. Henry George Bosz Baltimore, Md. Orville Clifford Bowersox New Windsor, Md. Daniel Wesley Bradley James Walter Brewington Balaine Glead Broadwater James Robert Brown Balaine Glead Broadwater John Buck, Lutherville, Md. Jack Gordon Buckingham Reading, Pa. Reading, Pa. Reading, Pa. Rehert Wilson Buck Lutherville, Md. Jack Gordon Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Dallas Wilson Butler Thomas Ellsworth Butterbaugh Peter George Callas Hagerstown, Md. Joseph Callis, Jr. John Low Carnochan, Jr. Westminster, Md. Joseph Callis, Jr. John Low Carnochan, Jr. Hagerstown, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Lunion Bridge, Md. Clifford Stephens Case Baltimore, Md. Resert Baltimore, Md. Resert Baltimore, Md. Resert Scookerly Baltimore, Md. Baltimore, Md. Westminster, Md. Denton, Md. Resiterstown, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Denton, Md. Resiterstown, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Prinest S. Cookerly Baltimore, Md. Baltimore, Md. Baltimore, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Wes	Max Erwin Bertholf	Westminster, Md.
Maurice Henry Blocher Stanley Francis Block Matthew William Bogdan Robert Naile Bond Richard Ronald Bornemann Parkton, Md. Reinerth Thomas Bosley Henry George Bosz Baltimore, Md. Menneth Thomas Bosley Henry George Bosz Baltimore, Md. Menneth Thomas Bosley Henry George Bosz Baltimore, Md. Menneth Thomas Bosley Henry George Bosz Baltimore, Md. Maniel Wesley Bradley James Walter Brewington Balaine Gilead Broadwater Jinon Bridge, Md. James Robert Brown Baltimore, Md. Marichard Clayton Bucher, Jr. Reading, Pa. Reading, Pa. Reading, Pa. Redort Wilson Buck Lutherville, Md. Jack Gordon Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Dallas Wilson Butler Greenbelt, Md. Thomas Ellsworth Butterbaugh Joseph Callis, Jr. Westminster, Md. Peter George Callas Hagerstown, Md. Joseph Callis, Jr. John Low Carnochan, Jr. Westminster, Md. Peter George Callas Baltimore, Md. Wayne Archie Cawley, Jr. John Low Carnochan, Jr. Westminster, Md. Pagerstown, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Clifford Stephens Case Baltimore, Md. Westminster, Md. Reading, Md. Baltimore, Md. Westminster, Md. Pagerstown, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. Baltimore, Md. Westminster, Md. Pames Allison Conley Westminster, Md. Pames Allison Conley Westminster, Md. Panet Gorden Baltimore, Md. Panet Gorden Baltimore, Md. Panet Gorden Baltimore, Md. Panet Gorden Baltimore, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Wood Ridge, N. J. Andrew Joseph DiUblaldo Luke, Md. Baltimore, Md. Willard B. Donley Baltimore, Md.	Louis Ross Bieretz	Baltimore, Md.
Stanley Francis Block Matthew William Bogdan Raltimore, Md. Robert Naile Bond Reisterstown, Md. Richard Ronald Bornemann Renneth Thomas Bosley Sparks, Md. Henry George Bosz Baltimore, Md. New Windsor, Md. Daniel Wesley Bradley James Walter Brewington Baltimore, Md. Salisbury, Md. Blaine Gilead Broadwater Junion Bridge, Md. Richard Clayton Bucher, Jr. Reading, Pa. Robert Wilson Buck Lutherville, Md. Jack Gordon Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Dallas Wilson Butterbaugh Peter George Callas Joseph Callis, Jr. Uson Bridge, Md. Westminster, Md. Welliam Homer Carroll, Jr. Silver Spring, Md. Wayne Archie Cawley, Jr. Denton, Md. William Homer Carroll, Jr. Silver Spring, Md. Demory Willard Chesley Charles Henry Chlad Bohn Conley Bartimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Westminster, Md. Baltimore, Md. Willard B. Donley Baltimore, Md. Willard B. Donley Baltimore, Md. Baltimore, Md. Willard B. Donley	John Dieterle Blades	Summit, N. J.
Matthew William Bogdan Robert Naile Bond Robert Naile Bond Robert Naile Bond Richard Ronald Bornemann Parkton, Md. Kenneth Thomas Bosley Sparks, Md. Henry George Bosz Baltimore, Md. Orville Clifford Bowersox New Windsor, Md. James Walter Brewington Salisbury, Md. James Walter Brewington Blatime Gilead Broadwater Jimes Robert Brown Richard Clayton Bucher, Jr. Robert Wilson Buck Jack Gordon Buckingham Reneth Lee Buckingham Baltimore, Md. Hugh Burgess Linder Guy Buckingham Baltimore, Md. Hugh Burgess Linder Guy Buckingham Baltimore, Md. Hugh Burgess Linder Guy Buckingham Baltimore, Md. Thomas Ellsworth Butterbaugh Peter George Callas Joseph Callis, Jr. John Low Carnochan, Jr. Westminster, Md. John Low Carnochan, Jr. Westminster, Md. Wayne Archie Cawley, Jr. Denton, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Lunion Bridge, Md. Lutherville, Md. Dallas Henry Chlad Baltimore, Md. Baltimore, Md. Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Baltimore, Md. Charles Henry Chlad Baltimore, Md. Baltimore, Md. Baltimore, Md. John Clemson Robert Lee Clopper Smithsburg, Md. James Vilicent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Baltimore, Md. Johnald Milton Denhard Byre Woodrow Day Westminster, Md. Baltimore, Md. Byre Woodrow Day Westminster, Md. Baltimore, Md. Byre Woodrow Day Westminster, Md. Baltimore, Md. Jonald Milton Denhard Baltimore, Md. Baltimore, Md. Byre Woodrow Day Westminster, Md. Byre Woodrow Day Byre Woodrow Day Byre Woodrow Day Byre Woodrow Day Byre Woodrow	Maurice Henry Blocher	Hampstead, Md.
Richard Ronald Bornemann Parkton, Md. Henry George Bosz Baltimore, Md. Orville Clifford Bowersox New Windsor, Md. James Walter Brewington Salisbury, Md. Blaine Gilead Broadwater Union Bridge, Md. James Robert Brown Baltimore, Md. James Robert Brown Baltimore, Md. Jack Gordon Buckingham Baltimore, Md. Jack Gordon Buckingham Baltimore, Md. Jack Gordon Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Joseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Westminster, Md. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Westminster, Md. John Clemson Wayne Archie Cawley, Jr. Denton, Md. John Clemson Westminster, Md. James Allison Conley Westminster, Md. James Allison Conley Baltimore, Md. Westminster, Md. James Allison Conley Westminster, Md. James Allison Conley Westminster, Md. James Allison Conley Westminster, Md. Painted Post, N. Y. William Egan Crim Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Quentin Langdon Day Westminster, Md. Painted Post, N. Y. William Egan Crim Baltimore, Md. Westminster, Md. Painted Post, N. Y. Andrew Joseph DiUbaldo Luke, Md. William Daniel Donahoo Baltimore, Md.	Stanley Francis Block	Baltimore, Md.
Richard Ronald Bornemann Parkton, Md. Henry George Bosz Baltimore, Md. Orville Clifford Bowersox New Windsor, Md. James Walter Brewington Salisbury, Md. Blaine Gilead Broadwater Union Bridge, Md. James Robert Brown Baltimore, Md. James Robert Brown Baltimore, Md. Jack Gordon Buckingham Baltimore, Md. Jack Gordon Buckingham Baltimore, Md. Jack Gordon Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Joseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Westminster, Md. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Westminster, Md. John Clemson Wayne Archie Cawley, Jr. Denton, Md. John Clemson Westminster, Md. James Allison Conley Westminster, Md. James Allison Conley Baltimore, Md. Westminster, Md. James Allison Conley Westminster, Md. James Allison Conley Westminster, Md. James Allison Conley Westminster, Md. Painted Post, N. Y. William Egan Crim Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Quentin Langdon Day Westminster, Md. Painted Post, N. Y. William Egan Crim Baltimore, Md. Westminster, Md. Painted Post, N. Y. Andrew Joseph DiUbaldo Luke, Md. William Daniel Donahoo Baltimore, Md.	Matthew William Bogdan	Baltimore, Md.
Richard Ronald Bornemann Parkton, Md. Henry George Bosz Baltimore, Md. Orville Clifford Bowersox New Windsor, Md. James Walter Brewington Salisbury, Md. Blaine Gilead Broadwater Union Bridge, Md. James Robert Brown Baltimore, Md. James Robert Brown Baltimore, Md. Jack Gordon Buckingham Baltimore, Md. Jack Gordon Buckingham Baltimore, Md. Jack Gordon Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Joseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Westminster, Md. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Westminster, Md. John Clemson Wayne Archie Cawley, Jr. Denton, Md. John Clemson Westminster, Md. James Allison Conley Westminster, Md. James Allison Conley Baltimore, Md. Westminster, Md. James Allison Conley Westminster, Md. James Allison Conley Westminster, Md. James Allison Conley Westminster, Md. Painted Post, N. Y. William Egan Crim Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Quentin Langdon Day Westminster, Md. Painted Post, N. Y. William Egan Crim Baltimore, Md. Westminster, Md. Painted Post, N. Y. Andrew Joseph DiUbaldo Luke, Md. William Daniel Donahoo Baltimore, Md.	Robert Naile Bond	Reisterstown, Md.
Orville Clifford Bowersox Daniel Wesley Bradley James Walter Brewington Blaine Gilead Broadwater James Robert Brown Blaine Golead Broadwater James Robert Brown Blaine Glead Broadwater Jake Gordon Bucher, Jr. Robert Wilson Buck Jack Gordon Buckingham Rehimmer, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Baltimore, Md. Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Cipilott City, Md. Lionel Burgess Ellicott City, Md. Cipilott City, Md. Greenbelt, Md. Thomas Ellsworth Butterbaugh Peter George Callas Hagerstown, Md. Westminster, Md. Peter George Callas Hagerstown, Md. Westminster, Md. Westminster, Md. Westminster, Md. Westminster, Md. William Homer Carroll, Jr. Silver Spring, Md. Glifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Westminster, Md. Charles Henry Chlad John Clemson Westminster, Md. Robert Lee Clopper Saltimore, Md. James Allison Conley Westminster, Md. James Vincent Cotter Walliam Egan Crim Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Jacob Earl Cummings Wilmington, Del. Raymond Earl Davis Bryce Woodrow Day Westminster, Md. Quentin Langdon Day Mt. Airy, Md. Donald Milton Denhard Hyman Leo Dervitz Wood Ridge, N. J. Andrew Joseph DiUbaldo Luke, Md. Willard B. Donley Saltimore, Md. Saltimore, Md. Willard B. Donley Saltimore, Md.	Richard Ronald Bornemann	Parkton, Md.
Orville Clifford Bowersox Daniel Wesley Bradley James Walter Brewington Blaine Gilead Broadwater James Robert Brown Blaine Golead Broadwater James Robert Brown Blaine Glead Broadwater Jake Gordon Bucher, Jr. Robert Wilson Buck Jack Gordon Buckingham Rehimmer, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Baltimore, Md. Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Cipilott City, Md. Lionel Burgess Ellicott City, Md. Cipilott City, Md. Greenbelt, Md. Thomas Ellsworth Butterbaugh Peter George Callas Hagerstown, Md. Westminster, Md. Peter George Callas Hagerstown, Md. Westminster, Md. Westminster, Md. Westminster, Md. Westminster, Md. William Homer Carroll, Jr. Silver Spring, Md. Glifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Westminster, Md. Charles Henry Chlad John Clemson Westminster, Md. Robert Lee Clopper Saltimore, Md. James Allison Conley Westminster, Md. James Vincent Cotter Walliam Egan Crim Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Jacob Earl Cummings Wilmington, Del. Raymond Earl Davis Bryce Woodrow Day Westminster, Md. Quentin Langdon Day Mt. Airy, Md. Donald Milton Denhard Hyman Leo Dervitz Wood Ridge, N. J. Andrew Joseph DiUbaldo Luke, Md. Willard B. Donley Saltimore, Md. Saltimore, Md. Willard B. Donley Saltimore, Md.	Kenneth Thomas Bosley	Sparks, Md.
Daniel Wesley Bradley	Henry George Bosz	Baltimore, Md.
James Walter Brewington Blaine Gilead Broadwater James Robert Brown Richard Clayton Bucher, Jr. Reading, Pa. Robert Wilson Buck Jack Gordon Buckingham Kenneth Lee Buckingham Baltimore, Md. Melvin Guy Buckingham Burgess Blicott City, Md. Lionel Burgess, Jr. Blicott City, Md. Dallas Wilson Butler George Callas Joseph Callis, Jr. John Low Carnochan, Jr. Wastminster, Md. William Homer Carroll, Jr. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Byron Thomas Chen Byron Thomas Chen Byron Thomas Chen John Clemson Robert Lee Clopper Smithsburg, Md. James Allison Conley Byron Thomas Fals Baltimore, Md. James Vincent Cotter Md. Merries Schookerly Baltimore, Md. Baltimore, M	Orville Clifford Bowersox	New Windsor, Md.
James Robert Brown Richard Clayton Bucher, Jr. Robert Wilson Buck Jack Gordon Buckingham Jack Gordon Buckingham Melvin Guy Buckingham Melvin Guy Buckingham Baltimore, Md. Lionel Burgess Ellicott City, Md. Lionel Burgess, Jr. Baltimore Greenbelt, Md. Thomas Ellsworth Butterbaugh Peter George Callas John Low Carnochan, Jr. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Wayne Archie Cawley, Jr. Denton, Md. Emory Willard Chesley Charles Henry Chlad Bohn Clemson Robert Lee Clopper John Clemson Sond Mestminster, Md. Robert Lee Clopper James Vincent Cotter Painted Post, N. Y. William Egan Crim Jacob Earl Cummings Baltimore, Md. Byrce Woodrow Day Quentin Langdon Day Dendton, Md. Byroe Modrow Day Quentin Langdon Day Mestminster, Md. Byroe Wood Ridge, N. J. Andrew Joseph DiUbaldo Williard B. Donley Jababan, V. Va. Michael Dopkin Baltimore, Md.	Daniel Wesley Bradley	Westminster, Md.
James Robert Brown Richard Clayton Bucher, Jr. Robert Wilson Buck Jack Gordon Buckingham Jack Gordon Buckingham Melvin Guy Buckingham Melvin Guy Buckingham Baltimore, Md. Lionel Burgess Ellicott City, Md. Lionel Burgess, Jr. Baltimore Greenbelt, Md. Thomas Ellsworth Butterbaugh Peter George Callas John Low Carnochan, Jr. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Wayne Archie Cawley, Jr. Denton, Md. Emory Willard Chesley Charles Henry Chlad Bohn Clemson Robert Lee Clopper John Clemson Sond Mestminster, Md. Robert Lee Clopper James Vincent Cotter Painted Post, N. Y. William Egan Crim Jacob Earl Cummings Baltimore, Md. Byrce Woodrow Day Quentin Langdon Day Dendton, Md. Byroe Modrow Day Quentin Langdon Day Mestminster, Md. Byroe Wood Ridge, N. J. Andrew Joseph DiUbaldo Williard B. Donley Jababan, V. Va. Michael Dopkin Baltimore, Md.	James Walter Brewington	Salisbury, Md.
James Robert Brown Richard Clayton Bucher, Jr. Robert Wilson Buck Jack Gordon Buckingham Jack Gordon Buckingham Melvin Guy Buckingham Melvin Guy Buckingham Baltimore, Md. Lionel Burgess Ellicott City, Md. Lionel Burgess, Jr. Baltimore Greenbelt, Md. Thomas Ellsworth Butterbaugh Peter George Callas John Low Carnochan, Jr. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Wayne Archie Cawley, Jr. Denton, Md. Emory Willard Chesley Charles Henry Chlad Bohn Clemson Robert Lee Clopper John Clemson Sond Mestminster, Md. Robert Lee Clopper James Vincent Cotter Painted Post, N. Y. William Egan Crim Jacob Earl Cummings Baltimore, Md. Byrce Woodrow Day Quentin Langdon Day Dendton, Md. Byroe Modrow Day Quentin Langdon Day Mestminster, Md. Byroe Wood Ridge, N. J. Andrew Joseph DiUbaldo Williard B. Donley Jababan, V. Va. Michael Dopkin Baltimore, Md.	Blaine Gilead Broadwater	Union Bridge, Md.
Richard Clayton Bucher, Jr. Robert Wilson Buck Lutherville, Md. Jack Gordon Buckingham Kenneth Lee Buckingham Baltimore, Md. Melvin Guy Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Dallas Wilson Butler Thomas Ellsworth Butterbaugh Peter George Callas John Low Carnochan, Jr. Westminster, Md. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Emory Willard Chesley Charles Henry Chlad John Clemson Robert Lee Clopper Smithsburg, Md. James Allison Conley Bernest S. Cookerly Baltimore, Md. James Vincent Cotter Waynend Earl Davis Bayroe Woodrow Day Quentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo Willard B. Donley Michael Dopkin Baltimore, Md. William Daniel Donahoo Baltimore, Md. William Daniel Donahoo Baltimore, Md. William Baltimore, Md. William Daniel Donahoo Baltimore, Md. William Baltimore, Md. William Daniel Donahoo Baltimore, Md. William Baltimore, Md. Williard B. Donley Jasaban, W. Va. Michael Dopkin	Iames Robert Brown	Baltimore, Md.
Jack Gordon Buckingham Kenneth Lee Buckingham Melvin Guy Buckingham Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Dallas Wilson Butler Thomas Ellsworth Butterbaugh Peter George Callas Joseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Westminster, Md. John Low Carnochan, Jr. William Homer Carroll, Jr. Silver Spring, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Emory Willard Chesley Westminster, Md. John Clemson Robert Lee Clopper James Allison Conley Westminster, Md. Smithsburg, Md. Westminster, Md. James Vincent Cotter Westminster, Md. Baltimore, Md. Smithsburg, Md. Westminster, Md. Smithsburg, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Jacob Earl Cummings Wilmington, Del. Raymond Earl Davis Baltimore, Md. Byrce Woodrow Day Westminster, Md. B	Richard Clayton Bucher, Ir.	Reading, Pa.
Jack Gordon Buckingham Kenneth Lee Buckingham Melvin Guy Buckingham Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Dallas Wilson Butler Thomas Ellsworth Butterbaugh Peter George Callas Joseph Callis, Jr. Westminster, Md. Joseph Callis, Jr. Westminster, Md. John Low Carnochan, Jr. William Homer Carroll, Jr. Silver Spring, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Emory Willard Chesley Westminster, Md. John Clemson Robert Lee Clopper James Allison Conley Westminster, Md. Smithsburg, Md. Westminster, Md. James Vincent Cotter Westminster, Md. Baltimore, Md. Smithsburg, Md. Westminster, Md. Smithsburg, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Jacob Earl Cummings Wilmington, Del. Raymond Earl Davis Baltimore, Md. Byrce Woodrow Day Westminster, Md. B	Robert Wilson Buck	Lutherville, Md.
Kenneth Lee Buckingham Melvin Guy Buckingham Melvin Guy Buckingham Baltimore, Md. Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Dallas Wilson Butler Greenbelt, Md. Thomas Ellsworth Butterbaugh Peter George Callas Hagerstown, Md. Joseph Callis, Jr. Westminster, Md. Hagerstown, Md. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Westminster, Md. Gharles Henry Chlad Baltimore, Md. Westminster, Md. Robert Lee Clopper Smithsburg, Md. James Allison Conley James Vincent Cotter Westminster, Md. James Vincent Cotter Baltimore, Md. Jacob Earl Cummings Westminster, Md. Jacob Earl Cummings Byroe Woodrow Day Quentin Langdon Day Westminster, Md. Byree Woodrow Day Ouentin Langdon Day Donald Milton Denhard Baltimore, Md. Hyman Leo Dervitz Andrew Joseph DiUbaldo Luke, Md. William Daniel Donahoo Baltimore, Md. Williard B. Donley Lisaban, W. Va, Michael Dopkin Baltimore, Md. Baltimore, Md. Williard B. Donley Lisaban, W. Va, Michael Dopkin	Jack Gordon Buckingham	Baltimore, Md.
Melvin Guy Buckingham Hugh Burgess Ellicott City, Md. Lionel Burgess, Jr. Dallas Wilson Butler Greenbelt, Md. Thomas Ellsworth Butterbaugh Peter George Callas Hagerstown, Md. Joseph Callis, Jr. Westminster, Md. John Low Carnochan, Jr. William Homer Carroll, Jr. Clifford Stephens Case Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Charles Henry Chlad Baltimore, Md. John Clemson Robert Lee Clopper Smithsburg, Md. James Allison Conley Westminster, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Bayron Westmings Westmingter, Md. Jacob Earl Cummings Westmings Wilmington, Del. Raymond Earl Davis Byrce Woodrow Day Quentin Langdon Day Mt. Airy, Md. Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo Williard B. Donley Baltimore, Md. Williand Baltimore, Md. William Daniel Donahoo Baltimore, Md. Williand Baltimore, Md. Williand Baltimore, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. William Daniel Donahoo Baltimore, Md. William Daniel Donahoo Baltimore, Md. Williard B. Donley Isaban, W. Va. Michael Dopkin	Kenneth Lee Buckingham	Baltimore, Md.
Hugh Burgess, Jr. Ellicott City, Md. Lionel Burgess, Jr. Ellicott City, Md. Dallas Wilson Butler Greenbelt, Md. Thomas Ellsworth Butterbaugh Westminster, Md. Peter George Callas Hagerstown, Md. Joseph Callis, Jr. Westminster, Md. John Low Carnochan, Jr. Hagerstown, Md. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Westminster, Md. John Clemson Westminster, Md. John Clemson Westminster, Md. Robert Lee Clopper Smithsburg, Md. James Allison Conley Westminster, Md. Ernest S. Cookerly Baltimore, Md. James Vincent Cotter Baltimore, Md. Jacob Earl Cummings William Egan Crim Baltimore, Md. Jacob Earl Cummings Wilmington, Del. Raymond Earl Davis Finksburg, Md. Byrce Woodrow Day Westminster, Md. Ouentin Langdon Day Mt. Airy, Md. Donald Milton Denhard Baltimore, Md. Hyman Leo Dervitz Wood Ridge, N. J. Andrew Joseph DiUbaldo Baltimore, Md. William Daniel Donahoo Baltimore, Md. Williard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Melvin Guy Buckingham	Baltimore, Md.
Dallas Wilson Butler Thomas Ellsworth Butterbaugh Peter George Callas Joseph Callis, Jr. John Low Carnochan, Jr. Westminster, Md. William Homer Carroll, Jr. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Charles Henry Chlad John Clemson Robert Lee Clopper Smithsburg, Md. Ernest S. Cookerly Baltimore, Md. James Vincent Cotter Westminster, Md. Jacob Earl Cummings Byron Cotter Raymond Earl Davis Byron Baltimore, Md. Jacob Earl Cummings Raymond Earl Davis Byron Baltimore, Md. Guentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va, Michael Dopkin Baltimore, Md.	Hugh Burgess	Ellicott City, Md.
Dallas Wilson Butler Thomas Ellsworth Butterbaugh Peter George Callas Joseph Callis, Jr. John Low Carnochan, Jr. Westminster, Md. William Homer Carroll, Jr. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Charles Henry Chlad John Clemson Robert Lee Clopper Smithsburg, Md. Ernest S. Cookerly Baltimore, Md. James Vincent Cotter Westminster, Md. Jacob Earl Cummings Byron Cotter Raymond Earl Davis Byron Baltimore, Md. Jacob Earl Cummings Raymond Earl Davis Byron Baltimore, Md. Guentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va, Michael Dopkin Baltimore, Md.	Lionel Burgess Ir	Ellicott City, Md.
Peter George Callas Joseph Callis, Jr. John Low Carnochan, Jr. William Homer Carroll, Jr. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Charles Henry Chlad Baltimore, Md. John Clemson Robert Lee Clopper Smithsburg, Md. James Allison Conley Baltimore, Md. James Vincent Cotter Westminster, Md. Jacob Earl Cummings William Egan Crim Bayroe Woodrow Day Quentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph Di Ubaldo William Daniel Donahoo Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Byrce Woodrow Day Westminster, Md. Byrce Woodrow Day Westminster, Md. Baltimore, Md. Baltimore, Md. William Daniel Donahoo Baltimore, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Dallas Wilson Butler	Greenbelt, Md.
Peter George Callas Joseph Callis, Jr. John Low Carnochan, Jr. William Homer Carroll, Jr. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Charles Henry Chlad Baltimore, Md. John Clemson Robert Lee Clopper Smithsburg, Md. James Allison Conley Baltimore, Md. James Vincent Cotter Westminster, Md. Jacob Earl Cummings William Egan Crim Bayroe Woodrow Day Quentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph Di Ubaldo William Daniel Donahoo Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Byrce Woodrow Day Westminster, Md. Byrce Woodrow Day Westminster, Md. Baltimore, Md. Baltimore, Md. William Daniel Donahoo Baltimore, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Thomas Fllsworth Rutterbaugh	Westminster Md
Joseph Callis, Jr. Westminster, Md. John Low Carnochan, Jr. Hagerstown, Md. William Homer Carroll, Jr. Silver Spring, Md. Clifford Stephens Case Baltimore, Md. Wayne Archie Cawley, Jr. Denton, Md. Thomas Raymond Chamberlain Salem, N. J. Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Westminster, Md. Charles Henry Chlad Baltimore, Md. John Clemson Westminster, Md. Robert Lee Clopper Smithsburg, Md. James Allison Conley Westminster, Md. Ernest S. Cookerly Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Jacob Earl Cummings Wilmington, Del. Raymond Earl Davis Finksburg, Md. Byrce Woodrow Day Westminster, Md. Quentin Langdon Day Westminster, Md. Onald Milton Denhard Baltimore, Md. Hyman Leo Dervitz Wood Ridge, N. J. Andrew Joseph DiUbaldo Baltimore, Md. William Daniel Donahoo Baltimore, Md. Williard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Datas Coorge Callas	Hagerstown Md
Wayne Archie Cawley, Jr. Thomas Raymond Chamberlain Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Charles Henry Chlad John Clemson Robert Lee Clopper Smithsburg, Md. James Allison Conley Baltimore, Md. James Vincent Cotter William Egan Crim Jacob Earl Cummings Byrce Woodrow Day Quentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo William Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. William Daniel Donahoo Baltimore, Md. Williard B. Donley Isaban, W. Va. Michael Dopkin	Joseph Callie Ir	Westminster Md
Wayne Archie Cawley, Jr. Thomas Raymond Chamberlain Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Charles Henry Chlad John Clemson Robert Lee Clopper Smithsburg, Md. James Allison Conley Baltimore, Md. James Vincent Cotter William Egan Crim Jacob Earl Cummings Byrce Woodrow Day Quentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo William Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. William Daniel Donahoo Baltimore, Md. Williard B. Donley Isaban, W. Va. Michael Dopkin	John Low Carnochan Ir	Hagerstown Md
Wayne Archie Cawley, Jr. Thomas Raymond Chamberlain Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Charles Henry Chlad John Clemson Robert Lee Clopper Smithsburg, Md. James Allison Conley Baltimore, Md. James Vincent Cotter William Egan Crim Jacob Earl Cummings Byrce Woodrow Day Quentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo William Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. William Daniel Donahoo Baltimore, Md. Williard B. Donley Isaban, W. Va. Michael Dopkin	William Homer Carroll Ir	Silver Spring, Md
Wayne Archie Cawley, Jr. Thomas Raymond Chamberlain Byron Thomas Chen Union Bridge, Md. Emory Willard Chesley Charles Henry Chlad John Clemson Robert Lee Clopper Smithsburg, Md. James Allison Conley Baltimore, Md. James Vincent Cotter William Egan Crim Jacob Earl Cummings Byrce Woodrow Day Quentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo William Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. Baltimore, Md. William Daniel Donahoo Baltimore, Md. Williard B. Donley Isaban, W. Va. Michael Dopkin	Clifford Stephens Case	Raltimore Md
Byron Thomas Chen Emory Willard Chesley Charles Henry Chlad John Clemson Robert Lee Clopper James Allison Conley Ernest S. Cookerly James Vincent Cotter Westminster, Md. Baltimore, Md. James Vincent Cotter Baltimore, Md. Jacob Earl Cummings Raymond Earl Davis Byrce Woodrow Day Quentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo Willard B. Donley Westminster, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Westminster, Md. Westminster, Md. Baltimore, Md. Luke, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Wayne Archie Cawley Ir	Denton Md
Byron Thomas Chen Emory Willard Chesley Charles Henry Chlad John Clemson Robert Lee Clopper James Allison Conley Ernest S. Cookerly James Vincent Cotter Westminster, Md. Baltimore, Md. James Vincent Cotter Baltimore, Md. Jacob Earl Cummings Raymond Earl Davis Byrce Woodrow Day Quentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo Willard B. Donley Westminster, Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Westminster, Md. Westminster, Md. Baltimore, Md. Luke, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Thomas Paymond Chamberlain	Salem N I
Emory Willard Chesley Charles Henry Chlad John Clemson Robert Lee Clopper Smithsburg, Md. James Allison Conley Ernest S. Cookerly James Vincent Cotter William Egan Crim Jacob Earl Cummings Raymond Earl Davis Byrce Woodrow Day Quentin Langdon Day Donald Milton Denhard Hyman Leo Dervitz Andrew Joseph DiUbaldo Williard B. Donley Md. Baltimore, Md. Baltimore, Md. Westminster, Md. Baltimore, Md. Wilmington, Del. Finksburg, Md. Byrce Woodrow Day Westminster, Md. Westminster, Md. Westminster, Md. Westminster, Md. Westminster, Md. Baltimore, Md. Baltimore, Md. William Daniel Donahoo Baltimore, Md. Williard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Puron Thomas Chen	Union Bridge Md
Charles Henry Chlad John Clemson Westminster, Md. Robert Lee Clopper Smithsburg, Md. James Allison Conley Westminster, Md. James Allison Conley Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Jacob Earl Cummings Wilmington, Del. Raymond Earl Davis Byrce Woodrow Day Westminster, Md. Quentin Langdon Day Mt. Airy, Md. Donald Milton Denhard Baltimore, Md. Hyman Leo Dervitz Wood Ridge, N. J. Andrew Joseph DiUbaldo William Daniel Donahoo Baltimore, Md. William B. Donley Saban, W. Va. Michael Dopkin Baltimore, Md.	Emory Willard Chesley	Westminster Md
Robert Lee Clopper Smithsburg, Md. James Allison Conley Westminster, Md. Ernest S. Cookerly Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Jacob Earl Cummings Wilmington, Del. Raymond Earl Davis Finksburg, Md. Byrce Woodrow Day Westminster, Md. Quentin Langdon Day Mt. Airy, Md. Donald Milton Denhard Baltimore, Md. Hyman Leo Dervitz Wood Ridge, N. J. Andrew Joseph DiUbaldo Baltimore, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Charles Henry Chlad	Baltimore Md
Robert Lee Clopper Smithsburg, Md. James Allison Conley Westminster, Md. Ernest S. Cookerly Baltimore, Md. James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Jacob Earl Cummings Wilmington, Del. Raymond Earl Davis Finksburg, Md. Byrce Woodrow Day Westminster, Md. Quentin Langdon Day Mt. Airy, Md. Donald Milton Denhard Baltimore, Md. Hyman Leo Dervitz Wood Ridge, N. J. Andrew Joseph DiUbaldo Baltimore, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Labor Clamson	Westminster Md
Ernest S. Cookerly James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Jacob Earl Cummings Raymond Earl Davis Finksburg, Md. Byrce Woodrow Day Quentin Langdon Day Mt. Airy, Md. Donald Milton Denhard Baltimore, Md. Hyman Leo Dervitz Wood Ridge, N. J. Andrew Joseph DiUbaldo William Daniel Donahoo Baltimore, Md. Willard B. Donley Michael Dopkin Baltimore, Md.	Debert Lee Clopper	Smithshurg Md
Ernest S. Cookerly James Vincent Cotter Painted Post, N. Y. William Egan Crim Baltimore, Md. Jacob Earl Cummings Raymond Earl Davis Finksburg, Md. Byrce Woodrow Day Quentin Langdon Day Mt. Airy, Md. Donald Milton Denhard Baltimore, Md. Hyman Leo Dervitz Wood Ridge, N. J. Andrew Joseph DiUbaldo William Daniel Donahoo Baltimore, Md. Willard B. Donley Michael Dopkin Baltimore, Md.	Kobert Lee Clopper	Westminster Md
William Egan CrimBaltimore, Md.Jacob Earl CummingsWilmington, Del.Raymond Earl DavisFinksburg, Md.Byrce Woodrow DayWestminster, Md.Quentin Langdon DayMt. Airy, Md.Donald Milton DenhardBaltimore, Md.Hyman Leo DervitzWood Ridge, N. J.Andrew Joseph DiUbaldoLuke, Md.William Daniel DonahooBaltimore, Md.Willard B. DonleyIsaban, W. Va.Michael DopkinBaltimore, Md.	James Allison Colley	Raltimore Md
William Egan CrimBaltimore, Md.Jacob Earl CummingsWilmington, Del.Raymond Earl DavisFinksburg, Md.Byrce Woodrow DayWestminster, Md.Quentin Langdon DayMt. Airy, Md.Donald Milton DenhardBaltimore, Md.Hyman Leo DervitzWood Ridge, N. J.Andrew Joseph DiUbaldoLuke, Md.William Daniel DonahooBaltimore, Md.Willard B. DonleyIsaban, W. Va.Michael DopkinBaltimore, Md.	Ernest S. Cookerly	Painted Poet N V
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Byrce Woodrow Day Quentin Langdon Day Mt. Airy, Md. Donald Milton Denhard Hyman Leo Dervitz Wood Ridge, N. J. Andrew Joseph DiUbaldo William Daniel Donahoo Baltimore, Md. Willard B. Donley Michael Dopkin Baltimore, Md.	William Egan Crim	Wilmington Dol
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Andrew Joseph Di Ubaldo Luke, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Raymond Earl Davis	Finksburg, Md.
Andrew Joseph Di Ubaldo Luke, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Byrce Woodrow Day	westminster, Md.
Andrew Joseph Di Ubaldo Luke, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Quentin Langdon Day	Mt. Airy, Md.
Andrew Joseph Di Ubaldo Luke, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Donald Milton Denhard	Baltimore, Md.
Andrew Joseph Di Ubaldo Luke, Md. William Daniel Donahoo Baltimore, Md. Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Hyman Leo Dervitz	Wood Ridge, N. J.
Willard B. Donley Isaban, W. Va. Michael Dopkin Baltimore, Md.	Andrew Joseph Dillibaldo	Luke, Md.
Michael DopkinBaltimore, Md.	William Daniel Donahoo	Baltimore, Md.
	Willard B. Donley	Isaban, W. Va.

Robert Young DubelQuentin Levin Earhart	Baltimore, Md.
Ouentin Levin Earhart	Westminster, Md.
lack Walter Earnshaw	Baltimore, Md.
Ross Charles Eck	Baltimore, Md.
Fred Pitts Eckhardt	Glyndon, Md.
William Waring Ehlers	Baltimore, Md,
Charles William Eliason	Baltimore, Md.
Grafton Morris Eliason	Baltimore, Md.
John Com Elliot	Westminster Md
Louis Edward Elliott, Jr.	Westminster, Md.
Donald Owen Fedder	Baltimore, Md.
John Joseph Feeley William Joseph Felton Austin M. Fine	Chester, Pa.
William Joseph Felton	Westminster, Md.
Austin M. Fine	Baltimore, Md.
Sherman Edward Flanagan, Jr. Richard Campbell Flavin, Jr. Charles William Fleming	Westminster, Md.
Richard Campbell Flavin, Ir.	Baltimore, Md.
Charles William Fleming	Westminster, Md.
Thomas Richard Fletcher	Elberon, N. I.
Joseph Allen Fowler	Baltimore, Md
Pobert Navdain Francis Ir	Towson, Md.
Harry Vernon Frushour	Libertytown Md
Harry Vernon Frushour William Rich Gale	Westminster Md
Franklin Peter Galley	Raltimore Md
Joseph Shormer Carrison	Baltimore, Md.
Joseph Shermer GarrisonRobert William Gebhardt	Raltimore Md
M. Robert Gemmill	Baltimore Md
William James Gilmartin	Elmburet N V
Armand Joel Gold	Poltimore Md
William Osler Goldstein	Poltimore Md
Jay Calvin Gore	Poistorstown Md
David Thomas Gorman	Paltimore Md
Harold Perry Green	Hagaretown Md
Harold Perry Green	Povley Ohio
Gordon Lee Groby James Everett Grose	Frostburg Md
John Robert Ground	Westminston Md
John Robert Ground	Cumberland Md
Stanley Hamilton, JrBror Harold Hammargren	Elapham Dark N. I.
James Richard Handler	Politimore Md
James Kichard Handler	Clearenring Md
Donald Cover Haugh	Clearanning Md.
Arnold Leitner Hayes	Politimans Md
Arnold Leitner Hayes	Baltimore, Md.
Ronald Frederick Heemann	Baltimore, Md.
Thomas Milton Herbert	Fawn Grove, Pa
Ober Samuel Herr, Jr.	westminster, Md.
George Hipkins III	Havre de Grace, Md.
Herman Gilbert Hirschberg	Brooklyn, N. Y.
George Hipkins III Herman Gilbert Hirschberg Clinton Montgomery Hisle Fern R. Hitchcock, Jr.	washington, D. C.
Fern R. Hitchcock, Jr.	Taneytown, Md.
Kenneth Preston Hoover	Frederick, Md.
Lloyd Kydd Hoover	Frederick, Md.
Harry Warner Horn	Catonsville, Md.
Richard August Houck	Westminster, Md.
James Richard Hudson John Caldwell Huntingdon, Jr	Frederick, Md.
John Caldwell Huntingdon, Jr.	Lynbrook, N. Y.

Leon David Israel	Union Bridge, Md.
George N. Johnson, Jr. Ronald Lee Keith	Tampa, Fla.
Ronald Lee Keith	Centreville. Md.
Donald Thomas Kirwan	Cambridge, Md.
Joseph Raymond Kittner	Westminster, Md.
Anthony Nicholas Konstant	Baltimore, Md.
Joseph James Kovalevski	Baltimore, Md.
John Robert Lambdin	St. Michaels, Md.
Louis Kenneth Lassahn	Baltimore, Md.
Kenneth Roland Lawson	Uniontown, Md.
Seymour Lemeshow	Brooklyn, N.Y.
Harold A. Lev	Baltimore, Md.
William Aaron Levy Donald Earl Lewis	Baltimore, Md.
Donald Earl Lewis	Unionville, Md.
Claude Funncia Libia	Pridowville Del
Frank Ligorano	Medford, Mass.
Woodrow Benjamin Lippy	Manchester, Md.
Frank Hastings Lynch	Berlin, Md.
Frank Ligorano Woodrow Benjamin Lippy Frank Hastings Lynch Albert Cummins Lynn Ernest Keese McFadden, Jr. John William McGrew	Washington, D. C.
Ernest Keese McFadden, Ir.	Baltimore, Md.
John William McGrew	Westminster, Md.
Joseph Francis McLaughlin Joseph A. Maciejczyk	Chester, Pa.
Joseph A Macieiczyk	Hunlock Creek, Pa
Robert Lawton Mallonee	Baltimore, Md.
Aloysius William Malone	Westminster, Md.
Robert Anthony Martin	Baltimore Md
Victor Richard Martin	Hagerstown Md
Ned Allen Masenheimer	Hanover Pa
Frederick Emil Michelfelder	Linwood Md
Frank Keller Middleton	Glassboro N I
Raymond Mills	Brooklyn N V
William I Moody	Frostburg Md
William J. Moody Rowe Price Moore	Raltimore Md
Marvin Barber Mullenix	Thurmont Md
Charles Ley Mullicon	Frederick Md
Charles Loy Mullican Howard Carroll Nesbitt	Frostburg Md
John Wilson Nichols	Newark Del
John Wilson Nichols	Athens Cross
Christopher Nikolakopoulos Bart Norman	Westminster Md
William Ritter Nusz	Evodeviels Md
William Ritter Nusz	Trenton N I
L. Walter George Oberc	Danks Danks
John Joseph O'Hara Kirvin Gordon Oppenheimer	Darby, Pa.
Kirvin Gordon Oppenheimer	Baltimore, Md.
Frederick Conrad Osing	Baltimore, Md.
Richard Arden Palmer	Greenbelt, Md.
Charles Carroll Parker	Honga, Md.
Johnnie Henry Parker Howard Douglas Pender	Whaleysville, Md.
Howard Douglas Pender	Westminster, Md.
Charles Scarborough Peters	Salisbury, Md.
Calvin Franklin Pettit	Baltimore, Md.
Coorge William Pferdeort	Westminster Md
Albert Aldridge Phillips, Jr	Hampstead, Md.
Albert Aldridge Phillips, Jr. George Walter Piavis Daniel Elvin Pinholster, Jr.	Westminster, Md.
Daniel Elvin Pinholster, Jr.	Baltimore, Md.

	n 1d 164
Paul Timothy Pitcher Donald Philip Playne John Henry Price, Jr. Edward Joseph Quirk	Baltimore, Md.
Donald Philip Playne	Westminster, Md.
John Henry Price, Jr	Merchantville, N. J.
Edward Joseph Quirk	Havre de Grace, Md
v v 1 Ddle	Finkspille, Md.
Al Deige Dancone	Lilinerville, Md.
William Velley Rice Ir	Germantown, Md.
Robert Benjamin Rigler Franklin Bernard Ring John Marlin Rittler	Mt. Airy, Md.
Franklin Bernard Ring	Baltimore, Md.
John Marlin Rittler	Randallstown, Md.
John Burns Roberts	Army Chemical Center, Md.
James Bell Roch	Westminster, Md.
John Marlin Rittler John Burns Roberts James Bell Roch John William Rogers	Westminster, Md.
Warren James Rowe Victor Frederick Roys Franklin Samele William M. Sausser	Baltimore, Md.
Franklin Samele	Torrington, Conn.
William M. Sausser	Braddock Heights, Md.
Paul Lester Schaefer	Baltimore, Md.
Paul Lester Schaefer Carroll Russell Schaeffer, Jr. John Calvin Schaeffer Philip Blettner Schaeffer	Manchester, Md.
John Calvin Schaeffer	Westminster, Md.
Philip Blettner Schaeffer	Westminster, Md.
Donald Gilmer Schley	Frederick, Md.
Harry C Schreck	Dundark, Mu.
George Albert Seymour, Jr. Robert Harold Shoemaker Luther Frank Sies	Baltimore, Md.
Robert Harold Shoemaker	Westminster, Md.
Luther Frank Sies	Westminster, Md.
Gordon Meyer Silesky	Baltimore, Md.
Gordon Meyer Silesky William Oscar Sires	Frostburg, Md.
Jarome Kayemann Smith	Baltimore, Mu.
Kirby Lawson Smith	Baltimore, Md.
Ralph Dela Smith, Jr.	Washington, D. C.
Kirby Lawson Smith Ralph Dela Smith, Jr. William Harrington Smith, Jr. James Donald Smyth Oswald Barkdoll Spellman, Jr. George Louis Spittel George F. Stephens Frank William Stephenson, Jr. Leon Eugene Stover Clifton Elliott Streat Jr.	Westminster, Md.
James Donald Smyth	Westminster, Md.
Oswald Barkdoll Spellman, Jr	Baltimore, Md.
George Louis Spittel	Baltimore, Md.
George F. Stephens	Westminster, Md.
Frank William Stephenson, Jr	Pittsburgh, Pa.
Leon Eugene Stover	Westminster, Md.
Leon Eugene Stover Clifton Elliott Streat, Jr. John Robert Sutton Joseph Sutton	Baltimore, Md.
John Robert Sutton	Baltimore, Md.
Joseph Sutton	Chestertown, Md.
Raymond Franklin Sutton	Chestertown, Md.
DI '1' Ctarban Curvall	Baltimore, Md.
Deneldson Tall	Baltimore, Md.
TI 1 O'N-III Thomas	Westminster, Md.
Joseph Marshall Thompson	Oxford, Pa.
Joseph Marshall Thompson Hugh Benjamin Tresselt	Westminster, Md.
Irvin Cletus Troyer	Baltimore, Md.

Simon Tullai	
David Edwin Turner	
Philip Elwood Uhrig	Westminster, Md.
John Ward VanDerveerRobert Thomas VanVliet	Red Bank, N. J.
Burt Charles Veres	
Kenneth Lee Volkart	Aberdeen, Md.
Sherwood George Walters	Westminster, Md.
Herbert Francis Ward	Chestertown, Md.
Joseph Shoyer Ward	Short Hills, N. J.
David Paul Weaver	Mt. Rainer, Md.
Douglas Weaver	Bellerose, New York
John Stanley Weaver	Collingswood, N. J.
Robert Nixon Wesley	Baltimore, Md.
Guy Carleton Whidden	Jenkintown, Pa.
Mahlon Batdorf Wight	Wyncote, Pa.
Albert John Wildberger	Baltimore, Md.
Iudson Thomas Williams	Chestertown, Md.
George Wharton Wilson	Dover, Del.
Joseph Samuel Wilson	Westminster, Md.
James R Wright	Bel Air, Md.
William Flygod Wright	Pitman N I
Frank D. Zeigler, Jr.	Denton, Md.
Kathryn Mae Anders Mattie Jarman Anthony	Westminster, Md.
Mattie Jarman Anthony	Centreville, Md.
Peggy Ann Anthony	Hampstead, Md.
Jean Gibson Baker	Damascus, Md.
Anna Mildred Baughman Nancy Louise Beamer	Baltimore, Md.
Nancy Louise Beamer	Westminster, Md.
Helen Marie Becker	Washington, D. C.
Mary Elizabeth Becker	Baltimore, Md.
Hazel R. Bennighof	Westminster, Md.
Mary Louise Biggs	Westernport, Md.
Jessie Catherine Rishon	Baltimore, Md.
Clarabelle Lee Blaney	Baltimore, Md
Dorothy Jean Branda	Westminster, Md.
Mary E. Breakall	Williamsport, Md.
Mary Patricia Brett	Cumberland, Md.
Marilyn Lee Brilhart	Manchester, Md.
Louise Gertrude Brown	Westminster, Md.
Margaret Elizabeth Buderer	Baltimore, Md.
Kathryn Lee Burggraf	Westminster, Md.
Betty Welch Callis	Westminster Md
Emily M. Chandler	Westminster Md
Joan Carolyn Chenoweth	Raltimore Md
Marilou Chenowith	Paltimore Md
Maida N. S. Ching	Honolulu T H
Nora Kathleen Cicone	Raltimore Md
Jean Frances Cohen Mary Elizabeth Dexter	Poltimore, Md.
Mary Elizabeth Dexter	Hagaystown Md.
Agnes L. Durboraw	
Evelyn Mae Eisenberger Virginia Lee Evans	Sparrows Point, Md.
Virginia Lee Evans	Edgewater, Md.

Louise Shipley Fillion	Westminster, Md.
Lottie R. Fishpaw Margaret Harman Fleming Lillian May Gillis	Upperco, Md.
Margaret Harman Fleming	Indian Head, Md.
Lillian May Gillis	St. Michaels, Md.
Crease Elizabeth Croft	Union wins, wit.
Louise Haifley	Manchester, Md.
Jewell Emma Haines	Woodbine, Md
Doris Louise Hale Rachel E. Hale Miriam Wright Harbaugh Hilda Turner Heather	Upperco, Md.
Rachel E. Hale	Upperco, Md.
Miriam Wright Harbaugh	Westminster, Md.
Hilda Turner Heather	Southbridge, Mass.
I line Hock	WOHKLOH, WIG.
TT: also	Baltimore Vid
Mary Lenore Hipsley Mary Ann Hollander	Owings Mills, Md.
Mary Ann Hollander	Washington, D. C.
T Charlene Hellinger	wesiminster, Md.
Joan Marie JohnsonEllen Elizabeth Jordan	Frederick, Md.
Ellen Elizabeth Jordan	Emmitsburg, Md.
Winifued Dashiell Keck	Finksburg, Md.
Norma Mary Keigler	Baltimore, Md.
Elizabeth Waters Kidd	Fallston, Md.
Tain Town Voonta	Baltimore, Md.
Ednell Mae Langrall Eleanor P. Leech	Salisbury, Md.
Eleanor P. Leech	Drexel Hill, Pa.
Flisabeth Anne Lewis	Baitimore, Mu.
Months Irms Libis	Bridgeville, Del.
Florence Lindsay	Westminster, Md.
Helen Lingenfelter	Havre de Grace, Md.
Maria Antoinette Lucia	Salisbury, Md.
3.7 A 111'	Coateguille Pa
Anna Margaretta McCoy	Sykesville, Md.
Virginia Louise McCullough	Pittsburgh, Pa.
Nancy Jane McAllister Anna Margaretta McCoy Virginia Louise McCullough Janice King McKaig Charlotte Forrest Mann	y Chemical Center, Md.
Charlotte Forrest Mann	Smithsburg, Md.
Ratharine M. Maniove Betty Ann Manning Helen L. Miles Cottie B. Miller Mildred Osborne Minter	Arlington, Va.
Helen L. Miles	Nutley, N.J.
Cottie B. Miller	Hagerstown, Md.
Mildred Osborne Minter	Cumberland, Md.
Vathrun Barnsley Musorave	Owings Mills, Md.
Eleanor Jane Nettleship Mildred Elizabeth Ohler	Silver Spring, Md.
Mildred Elizabeth Ohler	Taneytown, Md.
	Hagaretown Md
Paula Pelton	Baltimore, Md.
Constance Aileen Phillips	Hagerstown Md.
Alice Iane Pitchford	Westminster, Md.
Mildred Irene Pittinger	Linwood, Md.
Arta Caroline Olson Paula Pelton Constance Aileen Phillips Alice Jane Pitchford Mildred Irene Pittinger Elinor Price	Drexel Hill, Pa.
	YY Md
Elizabeth Jane Ranck	
Elizabeth lane Ranck	New Holland, Pa.
Shirley Anne Rappoldt	New Holland, Pa. Westminster, Md.
Shirley Anne Rappoldt	New Holland, Pa. Westminster, Md. Greenbelt, Md.
Shirley Anne Rappoldt Florence Alice Raum Georgia Reynolds	New Holland, Pa. Westminster, Md. Greenbelt, Md.

Della Myers Rickell Miriam Eleanor Roberts	Medford, Md.
Miriam Eleanor Roberts	Westminster, Md.
Norma Ruth Roberts	Baltimore, Md.
Elinor Dulany Rogers	Baltimore, Md.
Jeanne Riggs Rogers	Westminster, Md.
Ansela M. Salganik	Baltimore, Md.
Jane Marie Saumenig	Baltimore, Md.
Gladys Schlag	Baltimore, Md.
Jean Katherine Sears	Baltimore, Md.
Ruby Friese Shubkagle	Westminster, Md.
Kathryn Wentz Sieverts	Hampstead, Md.
Henrietta Paupe Snyder	Cumberland, Md.
Margaret Hohing Sowers Audra Claire Speicher Florence Louise Spicknall	Lonaconing, Md.
Audra Claire Speicher	westimmster, wid.
Mary Louise Spickhall	Mostminston Md
Mary Louise Stagg Shirley Leese Starkey	Westminster, Md.
Many Joseph Starkey	Clear Spring Md
Mary Isabel Steele Norah Jeanne Stein Margaret Jean Stemmler	Clan Burnia Md
Noran Jeanne Stein	Poltimore Md
Olive M. Stouffer	Hagerstown Md
Viola Strawbridge	Baltimore, Md.
Justa M. Thomas	Westminster Md
Oda Darleen Warnick	Crantsville Md
Barbara Frey Warrenfeltz	Smithsburg Md
Many Sucan Weagly	Westminster Md
Mary Susan Weagly Eileen Mildred Weeks	Raltimore Md
Shirley Marie Wells	Fllicott City Md
Maggie Edith Wentz	Lineboro Md
Reba Victoria Wentz	Manchester Md
Ruth Virginia Wentz	Manchester Md
Ellen Christine Whitmore	Hagerstown Md
Mary Mathilde Will	Baltimore Md
Sarah Elizabeth Williams	Manchester, Md.
Anne Murphy Wilson	Westminster Md
Mary Ruth Woodfield	Galesville, Md.
Louise Spedden Wright	Cambridge, Md.
Helen L. Wymer	Clarksburg, W. Va.
EXTENSION	6,
Albert Harland Greene	Finksburg Md
Janna Lynden Randle	Finksburg, Md
Ralph Edward Yealy	Westminster Md
Goldie Baugher	Manchester, Md.
Goldie Boyle	Westminster, Md.
Goldle Boyle	Westminster, Md.
Belle Stoddart Fringer Margaret Gwynn Green	Union Pridee Md.
Winifred Masenhimer Houck	Manchester Md.
Winifred Dashiell Keck	Manchester Md.
Elizabeth Lippy Peregoy	Finksburg Md.
Jane Randle Della Myers Rickell	Medford Md.
Clarica Virginia Waddell	Westminster Md.
Clarice Virginia Waddell Vallie Brilhart Warehime	Manchester, Md.
vame brimart warenine	

Recapitulation

SUMMARY BY CLASSES

Men 82 129 137 126 474	Women 95 98 85 119 397	Total 177 227 222 245	
129 137 126	98 85 119	227 222	
137 126	85	222	
137 126	119		
		245	
474	907		
	397		871
8	12	20	
3	11	14	
247	122	369	
258	145		409
732	542		1274
144	45		189
588	497		1085
STA	TES		
			808
			77
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			45
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			108
	247 258 732 144 588 STA	247 122 258 145 732 542 144 45 588 497 STATES	247 122 369 258 145 732 542 144 45 588 497 STATES

Degrees and Honors

Conferred in 1947

BACHELOR OF ARTS

Eugene Benjamin Adams	Catonsville, Md.
Ira Israel Altfeder	Baltimore, Md.
Ralph Grayson Barrett	Timonium, Md.
William Earl Bowman	Westminster, Md.
Blaine Gilead Broadwater	Union Bridge, Md.
Charles Granden Brooks, III	Chevy Chase, Md.
Frederick James Brown, Jr.	Brunswick, Md.
Kenneth Edward Burdette	Mt. Airy, Md.
Charles Henry Chlad	Baltimore, Md.
Kaohlin Miner Coffman	Waynesboro, Pa.
James Allison Conley Herbert Levi David Doggett	Cranford, N. J.
Herbert Levi David Doggett	Baltimore, Md.
LeRoy Edwin Gerding, Jr.	Towson, Md.
Robert Grumbine	Baltimore, Md.
William Price Hall	Monie, Md.
Robert Garland Hendrickson	Westminster, Md.
Fern Rudolph Hitchcock, Ir	Taneytown, Md.
Fred Garrigus Holloway, Ir	Westminster, Md.
Bernard Arthur Jennings	Brownsville, Ma.
Elmer Philip Jensen	Sykesville, Md.
Edwin Hilmore Langrall	washington, D. C.
Louis Kenneth Lassahn	Baltimore, Md.
	Baltimore, Md.
Flmer Cornelius Lippy, Ir.	Manchester, Md.
Carlton Earl Mendell	New Bedford, Mass.
Henry Emerson Meredith	Federalsburg, Md.
William Richard Merriman	Frostburg, Md.
Paul Francis Miller	Manchester, Md.
Raymond Mills	Brooklyn, N. Y.
Ionathon William NeVille	Havre de Grace, Md.
John Graham Newman	Orange, N. J.
Bart Norman	westminster, Ma.
George Norman	Syracuse, N. Y.
Edward Joseph Nygren	Westminster, Md.
Arthur Francis O'Keeffe, Jr.	Baltimore, Md.
Thomas Edward O'Leary	Baltimore, Md.

William Eliason Pennington	Hagerstown, Md.
Franklin Railey Phelps	westiminster, wid.
Michael Phillips John Henry Price, Jr	Clifton Heights, Pa.
John Henry Price, Ir.	Merchantville, N. J.
Thomas Edwin Price, II	Ocean City, Mu.
Wallace Otto Raubenheimer	Cranford, N. J.
Guy McClelland Reeser, Jr.	Tilghman, Md.
Allock Albert Resnick	Baltimore, Md.
John Marlin Rittler	Randallstown, Md.
William Oscar Sires	Frostburg, Md.
Luther Robert Snyder	Littlestown, Pa.
Luther Robert SnyderGeorge Fredrick Stephens	Westminster, Md.
Donald Monroe Sullivan	Hampstead, Md.
Irving Verne Swalwell	Westminster, Md.
Ernest Robert Twico	Mt. Savage, Md.
Ernest Robert Twigg Kenneth William Volk	Baltimore, Md.
Carl Edward Webb	Baltimore, Md.
Cooper Wharton Wilson	Dover, Del.
Nelson Joseph Wolfsheimer	Baltimore, Md.
Donald Stockton Woolston	Towson, Md.
Harry R. Yingling, Jr.	Baltimore, Md.
Frank D. Zeigler, Jr.	Denton, Md.
Plank D. Zeigler, Jr.	of the same of the property of the same of
Esther Mildred Amoss	Baltimore, Md.
Madeline Cordrey Bankert	Westminster, Md.
Mary Lee Beglin	Industry, Pa.
Evelyn Norvelle Benson	Towson Md.
Potty I of Plades	Norristown, Pa.
Betty Lois BladesNancy Atlee Bowers	Frederick, Md.
Fonda Mae Boyer	Middletown, Md.
Louise Gertrude Brown	Westminster, Md.
Betty Ann Burgee	Raltimore, Md.
Rebecca Anne Cain	Baltimore Md.
Violet Lucille Carr	Upperco Md
Marjorie Cassen	Towson Md
Janice Aneil Chreitzberg	Washington D C
Evelyn Mary Clark	Frostburg Md
Mary Jane Collerd	Wilmington Del
Mary Fleda Davies	Sparrows Point Md
Mary Janice Divers	Havre de Crace Md
Mary Janice Divers	Myoreville Md
Joanna May Hauver Doggett	Hogorstown Md.
Agnes Lindsay Durboraw	riagerstown, Md.

Thelma Kathryn Evans	Ocean View, Del.
Helen Ruth Frantz	Cumberland, Md.
Ann Elizabeth Fullerton	Wilmington, Del.
Thelma June Gelhaus	
Lillian May Gillis	St. Michaels, Md.
Jean Oliphant Hastings	Delmar, Del.
Beverly Sands Holland	Princess Anne, Md.
Shirley Louise Jones	Baltimore, Md.
Jacquelyn Dale Kilham	Baltimore, Md.
Annabelle Lenore Klein	Baltimore, Md.
Martha Irma Libis	Bridgeville, Del.
Anne Worthington Little	Westminster, Md.
Barbara Jean McDowell	La Plata, Md.
Charlotte Forrest Mann	Smithsburg, Md.
	Whiteford, Md.
Jeanette M. Milholland	Baltimore, Md.
Cottie Bachtell Miller	
Mary Elizabeth Miller	Cumberland, Md.
Sarah Martha Moore	
Betty Joy Morris	
E. Jean Murray	Mt. Airv. Md.
Eleanor Clara Pearson	Collingswood, N. I.
Betty May Powell	Rockville, Md.
Natalea Minnie Pumphrey	Millersville, Md.
Georgia Revnolds	Baltimore, Md.
Georgia ReynoldsBetty Madeline Schmidt	Baltimore, Md.
Ethel Vivian Sheeley	Dundalk, Md.
Bettie Ann Shockley	Snow Hill, Md.
Henrietta Paupe Snyder	
Shirley Lee Snyder	
Shirley Leese Starkey	
Mary Lou Stephens	Monrovia, Md.
Justa M. Thomas	Westminster, Md.
Marian Kathryn Whiteford Wheeler	Whiteford, Md
	New York, N. Y.
Tutti omiss aming adili	TOTR, 14. 1.

BACHELOR OF SCIENCE

Joshua Vung-yuan	ZiaBethesda	Md.
Dorothy Rosalie A	ndersonBaltimore,	Md.

BACHELOR OF ARTS CUM LAUDE

BACHELOR OF ARTS CUM	LAUDE		
Anna Lee Butler	woodbille, wid.		
BACHELOR OF ARTS SUMMA C			
David Cloyd Bennighof	Westminster, Md.		
Francis Holland BartleyArlene Virginia ChenGladys SchlagMargaret Helen Statler	Dover, Del. _Union Bridge, Md. Baltimore, Md.		
BACHELOR OF SCIENCE SUMMA	CUM LAUDE		
Frank Edward Jaumot, Jr.	Cumberland, Md.		
MASTER OF EDUCATION	ON .		
John Low Carnochan, Jr. Harry Vernon Frushour Donald Hollingsworth Tschudy	Baltimore, Mu.		
Elizabeth Spencer Harrison Beulah B. McMurtrey Olive Myers Stouffer	Westminster, Md. Mitchellville, Md. Hagerstown, Md.		
Honorary Degrees			
DOCTOR OF DIVINIT	Y		
John Turnbull Spicknall	Baltimore, Md.		
DOCTOR OF LAWS			
Robert Joshua Gill	Baltimore, Md.		
DOCTOR OF LETTER	RS		
Nolan Bailey Harmon, Jr.	New York, N. Y.		

Honors

SENIOR CLASS

David Cloyd Bennighof Charles Granden Brooks, III Frederick James Brown, Jr. Fred Garrigus Holloway, Jr.

chof Frank Edward Jaumot, Jr.
cooks, III Paul Francis Miller
wn, Jr. Kenneth William Volk
way, Jr. Donald Stockton Woolston
Joshua Vung-yuan Zia

Dorothy Rosalie Anderson Frances Holland Bartley Evelyn Norvelle Benson Betty Ann Burgee Anna Lee Butler Marjorie Cassen Arlene Virginia Chen Thelma Kathryn Evans

derson Ann Elizabeth Fullerton
rtley Emajane Hahn
nson Jean Oliphant Hastings
E. Jean Murray
Mary Wright Silvey
Shirley Lee Snyder
Margaret Helen Statler
ans Marion Eleanore Stoffregen
Ruth Shizu Yamaguchi

JUNIOR CLASS

Chaunsey Godard Alcott Raymond Howard Bennighof Walter Edward Cushen William Albert Finck Gordon Lee Groby

Stanley Richard Kulakowski
Jerold Floyd Mann
Robert Koons Mathias
Millard Lee Rice
Philip Blettner Schaeffer
Phillip Orin Wroten

Elizabeth Blair Armiger Jessie Catherine Bishop Catherine Georgia Buckel Madeline Jean Buhrman Patricia Chatterton Betty Jean Ferris Annabel Glockler Mary Alice Hershfeld Adelene May Hopkins Phyllis Louise Houck Mary Frances Keiser Hope Kellam
Betty Little
Catherine Alba Marshall
Barbara Lee Morris
Fern Annette Ray
Ruth Christine Royer
Gladys Elaine Sause
Alice Mildred Shipley
Sarah Elizabeth Smith
Allie Aileen Taylor
Virginia Gregory Walters

Dorothy Louise Wilder

SOPHOMORE CLASS

James Vincent Cotter George Andrew Coulter Arnold Warren Garrett Armand Joel Gold Edgar Ward Hammersla William Kenneth Haugh Gruver Howard Martin

Kathryn Phyllis Alexander
Iris Elizabeth Amos
Ninita Jane Barkman
Marguerite Townshend
Clossman
Jean Frances Cohen
Audrey Louise Dixon
Mary Sewell Dixon
Anna Mary Englar
Dorothy Elaine Johnson
Edith Henrietta Justice

Preston Taylor Maxwell James Howard Ogden, Jr. Charles Augustus Rahter Richard Colvin Randall, Jr. William Kelley Rice, Jr. Stanley Albert Simpson Sherman Preston Wantz

Jean Ellen Lummis
Helen Lois Miles
Jacqueline Sue Morris
Gladys Johnson Poland
Elizabeth Jane Ranck
Dorothy Elizabeth Rupert
Carolyn Wells Sapp
Louise Sunderland Sapp
Jean Muriel Sause
Barbara Jewell Sowers
Mary Ann Thomas

FRESHMAN CLASS

William Thomas Barnes Harry Calvin Biser James Walter Brewington Thomas Butler Doolittle, Jr. James Edward Higgins

Dorothy Anne Alexander Virginia Lee Armacost Marion Evans Auld Margaret Louise Beyer Sherry Wight Donovan Rachel May Ennis Alice Margaretha Haagerup Ada Lee Hardester Herbert Houck Leighton Donald Lovis Lilly William Macon Munroe David Hales Patten William Howard Shannon

Mary Frances Jones
Priscilla Lankford
Betty Jean Lenz
Ruth Jeanette Marsden
Joyce Margaret Parker
Louise Marie Rossell
Mary Ellen Smith
Elizabeth Jeanette White

BATES PRIZE FOR BEST ALL ROUND COLLEGE MAN
Arthur Francis O'Keeffe, Jr.

1948 Honors

MARY WARD LEWIS PRIZE FOR BEST ALL ROUND COLLEGE WOMAN

Margaret Helen Statler

JOHN A. ALEXANDER ATHLETIC MEDAL Arthur Francis O'Keeffe, Jr.

LYNN FRANCIS GRUBER MEDAL FOR PROFICIENCY IN EXTRA-CURRICULAR ACTIVITIES

Robert Grumbine

MILTON HUMPHREYS HENDRICKSON MEMORIAL SCHOLARSHIP

Mary Janice Divers

Annabel Glockler

Gladys Elaine Sause

HISTORY EXCELLENCE PRIZE
Marguerite Townshend Clossman

Western Maryland College Alumni Association

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Urith Ann Routson Shipley, '30	Carroll County Women

Recapitulation of Graduates

	Men	Women	Total	Deceased
11871	 4	3	7	7
21872	 2	4	6	5
31873	 5	4	9	9
41874	8	8	16	15
51875	 2	1	3	2
61876	 3	6	9	8
71877	 4	6	10	9
	 3	3	6	5
91879	 0	6	6	5
101880	 6	4	10	9
111881	 4	9	13	10
	 11	8	19	17
	 11	10	21	14
1	 2	2	4	2
	 5	12	17	11
161886	 6	8	14	8
1	 6	11	17	10
181888	 3	3	6	2
	 6	6	12	8
201890	 8	9	17	11
211891	 10	8	18	8
221892	 9	9	18	8
231893	 18	18	36	13
241894	 7	13	20	9
251895	 10	13	23	9
261896	 17	21	38	14
271897	 10	7	17	7
281898	 16	10	26	11
291899	 16	15	31	10
301900	 13	9	22	5
311901	 19	19	38	11
-	 16	14	30	11
331903	 11	16	27	7
341904	 10	18	28	6
351905	 12	12	24	6
	 26	9	35	1
	 11	15	26	5
	 10	24	34	4
	 21	22	43	10

	Men	Women	Total	Deceased
401910	_ 18	10	28	3
411911		27	41	7
		20	30	5
421912	25	17	42	5
441914	13	19	32	0
451915		23	38	4
461916		17	37	2
471917	0	12	30	6
481918		15	28	2
491919		23	35	0
501920		19	26	1
511921	15	- 19	34	3
521922	-	27	42	1
531923		28	47	3
541924		34	63	2
551925	- 35	46	81	7
561926		44	86	ó
571927		44	75	5
581928	The state of the s	48	71	1
591929	0	53	91	3
601930		59	99	2
611931		40	64	1
621932	_ 30	51	81	1
681933	- 34	53	87	0
641934	_ 46	53	99	2
651935	_ 61	76	137	3
661936	- 44	65	109	2
671937	_ 38	65	103	0
681938	_ 58	63	121	4
691939	- 45	70	115	4
701940	- 55	88	143	2
711941	- 53	82	135	3
721942	- 54	63	117	2
731943	- 53	87	140	2
741944	_ 21	59	80	1
751945	_ 20	58	78	1
761946	_ 21	89	110	0
771947		64	125	0
	1531	2125	3656	412

Endowments

For a number of years the College has been accumulating an endowment fund. In a campaign which was completed several years ago, funds were secured which increased the endowment to more than \$900,000. Included in this fund are the following Special Endowments:

THE OSCAR LAFAYETTE MORRIS LIBRARY MEMORIAL FUND-\$10,000.

By the will of the late Oscar Lafayette Morris, of Salisbury, Maryland, the College came into possession of a bequest of \$10,000. This gift has been set apart as a special endowment for the Library, to be known as the Oscar Lafayette Morris Library Memorial Fund.

THE JAMES THOMPSON MEMORIAL-\$10,000.

Through a gift of \$10,000 made by Dr. and Mrs. William J. Thompson, of New York City, in memory of Dr. Thompson's father, the late Rev. James Thompson, of the Maryland Conference of the former Methodist Protestant Church, the "James Thompson Memorial" has been established. The income from this endowment is used for the purchase of books for the Departments of Psychology and Philosophy and Religion.

THE HARRY CLARY JONES SCHOLARSHIP FUND-\$10,000.

Through a bequest of the late Prof. Harry Clary Jones, two scholarships are offered for seniors in the Departments of Chemistry and Physics, one in the Chemistry Department and one in the Physics Department. Candidates for these scholarships must meet certain standards set by the departments concerned, and the scholarships are to be given only to students who reach these standards. If in one of these departments no outstanding candidate appears in any year, two scholarships may be given in the other department, provided there should be found two candidates in that department who meet the requirements set for the bestowal of the scholarship. If no candidate in either of these departments meets the requirements for this honor, then no scholarship shall be awarded in that year, and the income from the investment for that year shall be placed back into the fund and used in awarding additional scholarships in succeeding years, as the Committee on the Award may see This committee shall be the two heads of the departments concerned, who will recommend the awarding of the scholarship to the President of the College for his approval and appointment.

THE LEE SCHOLARSHIP FUND-\$15,000.

Through a bequest of Miss Grace Lee, four tuition scholarships are to be awarded by the Board of Trustees of the College for the benefit and education of deserving students. The beneficiaries are

1948 Endowments

to be students who are unable to meet the full expenses of a college education. Applications for the scholarships must be made to the President of the College before the first of August of each year.

THE FLORENCE E. STONER WESTERN MARYLAND FREE SCHOLAR-SHIP-\$20,000.

By the will of the late Frank L. Stoner, of Frederick, Maryland, a trust fund of \$20,000 was set up, the income from which is to be used for the maintenance of a free scholarship at Western Maryland College.

THE STONE SCHOLARSHIPS-\$12,000.

The will of the late Harvey A. Stone provides that the income from the property he bequeathed to the College shall be applied to the education of such male students at said Western Maryland College who may be pursuing a course at said College preliminary to entering upon a theological course.

THE W. EDWIN WARFIELD MEMORIAL SCHOLARSHIP-\$10,000.

This scholarship has been provided by the Lions Club of Silver Spring, Maryland, in memory of the late W. Edwin Warfield, a member of that Club and an alumnus of Western Maryland College, who died in action during World War II. It provides full tuition annually to one person selected by the Club.

ENDURING INVESTMENTS

No forms of beneficence exceed in importance gifts to education. Educational institutions are not money-making institutions—their dividends are in character building and in mental development. The tuition students are able to pay meets only part of the actual cost; the remainder must come from endowment and annual gifts. We desire to call the attention of our friends to the important work Western Maryland College is doing in the field of higher education, and to make the suggestion that the College offers an opportunity for beneficence where most satisfactory results may be obtained. More than three million dollars have been expended in this institution in buildings and endowment. The success of this college has been phenomenal in many respects, but its success makes it imperative that a much larger endowment and a more extensive equipment be secured if the college is to go forward in the most efficient way.

The friends of higher education are respectfully asked to

consider the claims of this institution and to join in making possible the complete success of the enterprise projected.

Consideration is asked for the following items:

- \$6,000,00 will establish a tuition scholarship in the Department of Music.
- \$10,000.00 will endow a tuition scholarship in the Academic Department.
- 3. \$24,000.00 will endow a scholarship that will provide both board and tuition for one student.
- 4. \$135,000.00 will endow a full professorship.
- \$75,000.00 to \$500,000.00 will erect one of the new buildings projected in the plans adopted for the re-grouping of the college buildings.

Gifts in any amounts will be applied to the purposes indicated by donors.

FORMS OF BEQUEST

GENERAL ENDOWMENT

I give and bequeath to Western Maryland College, a corporation established by law, in the City of Westminster, and State of Maryland, the sum of_____dollars, to be safely invested by the Trustees, and the income to be appropriated by the Trustees for the benefit of the College, in such manner as they shall think best.

SPECIFIC ENDOWMENT

I give and bequeath to Western Maryland College, a corporation established by law, in the City of Westminster, and State of Maryland, the sum of______dollars, to be safely invested by the Trustees of the College, and called the _____Endowment Fund. The interest shall be applied to the payment of the salaries of teachers in Western Maryland College, as the Trustees shall deem expedient.

TUITION SCHOLARSHIPS

I give and bequeath to Western Maryland College, a corporation established by law, in the City of Westminster, and State of Maryland, the sum of_____dollars, to be safely invested by the Trustees, and called the_____Scholarship Fund. The interest of this fund shall be applied to aid deserving students in Western Maryland College.

ENDOWMENT OF PROFESSORSHIPS

I give and bequeath to Western Maryland College, a corporation established by law, in the City of Westminster, and State of Maryland, the sum of dollars, to be safely invested by the Trustees, and called the Professorship Fund. The interest of the fund shall be applied to the salary budget of Western Maryland College.

Charitable bequests are void in many states unless made thirty days prior to the death of the testator.



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"I call you from darkness to light"