



The Christopher Newport College of the College of William and Mary in Virginia

Announcements, Session 1972-73
Newport News, Virginia

College Address: Christopher Newport College
P. O. Box 6070
Newport News, Virginia 23606

College Telephone: 596-7611

The College is located on Shoe Lane in
Newport News, Virginia

Vol. 12, No. 1

August, 1972



Christopher Newport

College Calendar 1972-73

1972

September						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
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October						
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November						
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First Semester

August 28	Faculty Workshop (Monday)
August 29	Orientation for Freshmen and New Transfers (Tuesday)
August 29-31	Registration Period (Tuesday-Thursday)
September 4	Labor Day: College Closed (Monday)
September 5	Beginning of Classes: 8:00 A.M. (Tuesday)
September 12	Last Day of Add/Drop Period; Registration Closed for All Students (Tuesday)
September 22	Last Day for Refunds: All Students (Friday)
October 13	Last Day for Dropping a Class Without a Penalty of Failing Grade (Friday)
October 20	Freshmen Mid-Semester Grade Reports Filed with Registrar: 9:00 A.M. (Friday)
November 3	Deadline for Withdrawal from College Without Grade Notation of WP or WF (Friday)
November 22	Beginning of Thanksgiving Holiday: 10:30 P.M. (Wednesday)
November 27	End of Thanksgiving Holiday: 8:00 A.M. (Monday)

1972

December

S	M	T	W	T	F	S
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31						

- December 1 Last Day for June Graduates to File Intent to Graduate Form with Registrar (Friday)
- December 13 End of Day Classes: 5:00 P.M. (Wednesday)
- December 14 End of Evening Classes: 10:30 P.M. (Thursday)
- December 14 Pre-Examination Period: Day Students (Thursday)
- December 15-23 Final Examinations: Day Classes (Friday-Saturday)
- December 18-21 Final Examinations: Evening Classes (Monday-Thursday)
- January 3 Final Semester Grade Reports Filed with Registrar: 12:00 Noon (Wednesday)

1973

January

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February

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March

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31						

- Second Semester**
- January 15 Orientation for New Students (Monday)
- January 16-18 Registration Period (Tuesday-Thursday)
- January 22 Beginning of Classes: 8:00 A.M. (Monday)
- January 30 Last Day of Add/Drop Period; Registration Closed for All Students (Tuesday)
- February 9 Last Day for Refunds: All Students (Friday)
- March 2 Last Day for Dropping a Class Without a Penalty of Failing Grade (Friday)
- March 9 Freshmen Mid-Semester Grade Reports Filed with Registrar 9:00 A.M. (Friday)
- March 9 Beginning of Spring Recess: 5:00 P.M. (Friday)
- March 19 End of Spring Recess: 8:00 A.M. (Monday)

April

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May

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June

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July

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August

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22	23	24	25	26	27	28
29	30	31				

March 23

April 20

May 4

May 7-15

May 7-10

May 17

May 20

June 6

August 10

August 11

- Deadline for Withdrawal from College Without Grade Notation of WP or WF (Friday)
- Last Day for August Graduates to File Intent to Graduate Form with Registrar (Friday)
- End of All Classes: 5:00 P.M. (Friday)
- Final Examinations: Day Classes (Monday-Tuesday)
- Final Examinations: Evening Classes (Monday-Thursday)
- Final Semester Grade Reports Filed with Registrar: 12:00 Noon (Thursday)
- Commencement (Sunday)

Summer 1973

- Summer School Registration (Wednesday)
- Close of Summer Session (Friday)
- Commencement (Saturday)



Officers of the College

Board of Visitors

R. HARVEY CHAPPELL, JR.	Rector
BLAKE T. NEWTON, JR.	Vice Rector
WILLITS H. BOWDITCH	Secretary

To March 6, 1974

GARRETT DALTON	Radford, Virginia
FREDERICK DEANE, JR.	Richmond, Virginia
MRS. ROBERT V. H. DUNCAN	Alexandria, Virginia
MRS. GEORGE FALCK	McLean, Virginia
ROGER H. HULL	New York, New York
JOHN R. L. JOHNSON, JR.	Chadds Ford, Pennsylvania
BLAKE T. NEWTON, JR.	New York, New York
GEORGE D. SANDS	Williamsburg, Virginia
HARRY L. SNYDER	Virginia Beach, Virginia

To March 6, 1976

WILLITS H. BOWDITCH	Newport News, Virginia
R. HARVEY CHAPPELL, JR.	Richmond, Virginia
ROBERT J. FAULCONER	Norfolk, Virginia
WILLIAM S. HUBARD	Roanoke, Virginia
JAMES E. KILBOURNE	Petersburg, Virginia
MRS. ELSIE POWELL	Norfolk, Virginia
WILLIAM H. TRAPNELL	Richmond, Virginia
J. E. ZOLLINGER	Fort Lauderdale, Florida

Officers of Administration

College of William and Mary

THOMAS A. GRAVES, JR.	President
CARTER O. LOWANCE	Executive Vice President
GEORGE R. HEALY	Vice President for Academic Affairs

Christopher Newport College

President	JAMES C. WINDSOR
Business Manager	CALVIN E. HONES
Dean of Academic Affairs	H. MARSHALL BOOKER
Registrar	JANE C. PILLOW
Assistant Registrar	BRENDA BLOUNT
Librarian	BETTE V. MOSTELLER
Assistant Librarian	NAN EDDINS
Assistant Librarian	MARILYN MILLER
Director of Curriculum Development and Continuing Studies	LAWRENCE BARRON WOOD, JR.
Dean of Student Affairs	WILLIAM H. POLIS
Director of Counseling	RUTH K. MULLIKEN
Counselor	GLEN VOUGHT
Director of Placement, Public Relations, and Alumni Relations	RICHARD E. McMURRAN
Director of Financial Aid	O. C. WARD
Dean of Admissions	NANCY A. RAMSEUR
Assistant to the Dean of Admissions and Director of Admissions for Unclassified Students	CLENTON A. BLOUNT, JR.
Director of Computer Services	E. GRAHAM PILLOW
Director of Inter-Collegiate Athletics	R. BEVERLEY VAUGHAN, JR.
Director of Research and Development	ST. ELMO NAUMAN, JR.
Consulting Psychiatrist	T. J. LASSEN, M.D.

Faculty 1971-72

SUE GRAY NORTON AL-SALAM	Assistant Professor of Physics. B.A., Wellesley College; M.A., University of California at Berkeley; M.A., College of William and Mary.
JOSEPH RICHARD AMBROSE	Assistant Professor of Political Science. B.A., University of Denver; M.A., Georgetown University.
JACK MARTIN ARMISTEAD	Assistant Professor of Physical Education for Men. B.S., Appalachian State University; M.Ed., College of William and Mary.
DAVID ALLEN BANKS	Assistant Professor of Biology. B.S., University of Delaware; M.S. and Ph.D., The Ohio State University.
FRANKLIN SAMUEL BAUER	Assistant Professor of Psychology. B.A., M.A., and Ph.D., University of Illinois.
HENRY MARSHALL BOOKER	Professor of Economics and Chairman of the Business and Economics Department. B.A., Lynchburg College; Ph.D., University of Virginia.

- THEODORA A. BOSTICK. *Assistant Professor of History*. B.A., Mundelein College; M.A. and Ph.D., University of Illinois.
- ROSS CLYDE BRACKNEY. *Associate Professor of English*. A.A., St. Bernard College; A.B., St. Benedict's College; M.A., University of Notre Dame; Certificate, University of London; Ph.D., Stanford University.
- DAISY DAVIS BRIGHT. *Associate Professor of Mathematics and Chairman of the Mathematics Department*. A.B. and M.A., University of Alabama.
- MARVIN MILLER BROWN. *Assistant Professor of Cooperative Distribution*. B.S., Virginia Commonwealth University; M.S., Virginia Polytechnic Institute.
- ELIZABETH SECORD CALDER. *Instructor in Psychology*. B.A., Acadia University; M.A., College of William and Mary.
- JANE CHAMBERS. *Assistant Professor of English*. B.A., Pfeiffer College; M.A., University of Arkansas. (On leave, 1971-73)
- HOLLY HO CHEN. *Assistant Professor of Chemistry*. B.S., National Taiwan University; M.S. and Ph.D., University of Southern California.
- DAVID ALLEN CHRISTHLE. *Lecturer in Mathematics*. B.A., Western Maryland College.
- WALTER ROBERT COLLINS. *Assistant Professor of Mathematics*. B.S. and M.A., Boston College; Ph.D., University of Massachusetts.
- CARL MORGAN COLONNA. *Instructor in Economics*. B.B.A. and M.A., Old Dominion University.
- HAROLD N. CONES, JR. *Assistant Professor of Biology*. B.S., Maryville College; M.A., Virginia Institute of Marine Science, College of William and Mary.
- LEE ERWIN DOERRIES. *Assistant Professor of Psychology*. B.A. and M.A., College of William and Mary; Ph.D., University of Rhode Island.
- PHILBERT COSMOS DOLEAC. *Assistant Professor of Business*. B.B.A., Loyola University; M.B.A., Syracuse University.
- SISTER BENEDICT J. DONAHUE. *Lecturer in Fine Arts*. B.A., Briar Cliff College; M.Mus., University of South Dakota; M.A. and Ph.D., Catholic University.
- DAVID EDWARD DOOLEY. *Assistant Professor of Psychology*. B.A., Tampa University; M.S., Illinois State University.
- ROBERT JOHN DUREL. *Assistant Professor of Sociology*. A.A., St. Joseph Seminary; B.A., Notre Dame Seminary; M.A. and Ph.D., University of Notre Dame.
- SARAH QUALTROUGH ECKHAUSE. *Instructor in Computer Studies*. A.B., Vassar College; M.S., College of William and Mary.

- ROBERT JOHNSON EDWARDS. *Associate Professor of Biology*. B.S., Hobart College; Ph.D., University of Rochester.
- JUDITH CHANEY EWERT. *Instructor in Computer Studies*. B.S., College of William and Mary.
- DONALD W. GILMAN. *Instructor in Modern Language*. A.B., University of North Carolina; M.A., Harvard University. (On leave, 1971-73)
- MARK GUSTAV GULESIAN. *Assistant Professor of Education*. B.A., Tufts University; M.Ed. and Ed.D., University of Massachusetts.
- JOHN RICHARD GUTHRIE, JR. *Assistant Professor of Modern Language*. A.B., College of William and Mary; M.A., Middlebury College Graduate School of French in France. (On leave 1971-73)
- JOSEPH STEWART HAMILTON. *Assistant Professor of Education*. B.A., Calvin College; M.Ed., Harvard University.
- GARY G. HAMMER. *Associate Professor of Chemistry and Chairman of the Chemistry Department*. B.S. and M.S., Wichita State University; Ph.D., Georgia Institute of Technology.
- JOSEPH FRANCIS HEALEY. *Instructor in Sociology*. A.B. and M.A., College of William and Mary. (On leave, 1972-73)
- JEAN REGONE HENRY. *Assistant Professor of English*. A.A., Christopher Newport College; B.A. and M.A., Old Dominion University.
- HUGH CONWAY HILLIARD, JR. *Assistant Professor of Computer Studies*. B.S., Virginia Polytechnic Institute; M.S., Harvard University.
- MARIAN RUDDLE HOYLE. *Lecturer in Mathematics*. B.S. and M.S., College of William and Mary.
- JAMES NIMMO HUBBARD, III. *Associate Professor of Physical Education for Men and Chairman of the Physical Education Department*. B.S. and M.Ed., College of William and Mary.
- RITA COOPER HUBBARD. *Assistant Professor of English and Speech*. B.A., College of Notre Dame of Maryland; M.A., Johns Hopkins University.
- JOHN E. JENKINS. *Assistant Professor of Education*. A.B., University of Richmond; M.Ed., College of William and Mary.
- ELIZABETH FRANCES JONES. *Associate Professor of Classical Studies*. A.B., State University of New York at Albany; Ph.D., University of North Carolina.
- ROBERT C. JONES. *Associate Professor of Education*. B.S., Oklahoma City University; M.S., Oklahoma State University; Ph.D., University of Oklahoma.
- RUTH L. KERNODLE. *Assistant Professor of Sociology and Chairman of the Sociology Department*. B.A., Madison College; M.A., University of North Carolina.
- DAVID WESLEY KING. *Instructor in Modern Languages*. B.S., Georgia Southern College; M.A., Laval University.

- WALTER LEE KNORR. *Instructor in Modern Language*. B.A., Yale University; M.A., Cornell University.
- RICHARD HUNTER LAWSON. *Assistant Professor of Mathematics*. B.S., United States Military Academy; M.A., Duke University.
- HUGH GENE LOEBNER. *Assistant Professor of Sociology*. B.A., The Johns Hopkins University; M.A., New York University; Ph.D., University of Massachusetts.
- KEVIN EDWARD MCKAY. *Instructor in Business Administration*. B.S., United States Military Academy; M.B.A., College of William and Mary. (On leave, 1972-73)
- RICHARD EPES McMURRAN. *Assistant Professor of History*. A.B. and M.A., University of Alabama.
- ALLAN BURNAM MACLEOD. *Assistant Professor of English*. B.A., Rollins College; M.A., University of Arizona.
- ALETHA S. MARKUSEN. *Associate Professor of Biology*. R.N., Trinity Hospital School of Nursing; B.S., University of North Dakota; M.S. and Ph.D., Montana State University.
- MARIO DOMINIC MAZZARELLA. *Instructor in History*. A.B., Providence College; M.A., University of Rhode Island. (On leave 1972-73)
- ALBERT EDWARD MILLAR, JR. *Associate Professor of English*. B.A., University of Richmond; M.A., University of South Carolina; Ph.D., University of Delaware.
- RONALD SAMUEL MOLICK. *Assistant Professor of Biology*. B.S. and M.S., San Diego State College.
- JAMES IRWIN MOORE. *Assistant Professor of Political Science*. B.S., Naval Postgraduate School; M.A.P.A. and Ph.D., University of Oklahoma.
- TIMOTHY EVERETT MORGAN. *Instructor in History*. B.S. and M.A., Purdue University.
- JAMES MATTHEW MORRIS. *Assistant Professor of History*. A.B., Aquinas College; M.A., Central Michigan University; Ph.D., University of Cincinnati.
- RUTH KINNEY MULLIKEN. *Professor of Psychology*. B.S. and M.A., New York University; Ph.D., University of Utah.
- ST. ELMO NAUMAN, JR. *Associate Professor of Philosophy and Acting Chairman of the Philosophy Department*. B.A., University of Chicago; B.D., Berkeley Divinity School; Ph.D., Boston University.
- LEE CHARLES OLSON. *Assistant Professor of Biology*. B.S., South Dakota State University; M.S. and Ph.D., University of Wisconsin.
- LEA BUCHANAN PELLETT. *Instructor in Sociology*. B.A., Hampton Institute.

- RONALD LEE PERSKY. *Assistant Professor of Mathematics*. B.S., Purdue University; M.A., University of Cincinnati.
- ELIJAH GRAHAM PILLOW. *Assistant Professor of Computer Studies*. A.B. and M.T.S., College of William and Mary.
- WILLIAM H. POLIS. *Assistant Professor of Business Administration*. B.A., University of Rhode Island; B.D., Colgate Rochester Divinity School; M.A., Syracuse University.
- WYLEY LOVELACE POWELL. *Instructor in Modern Language*. B.A., College of William and Mary; M.A., New York University.
- WOODWARD CLARK PRICHARD. *Assistant Professor of Business and Economics*. B.S., University of Maryland; M.A., University of London; Ph.D., Michigan State University.
- JEAN ELIZABETH PUGH. *Professor of Biology and Chairman of the Biology Department*. B.S., Madison College; M.A. and Ph.D., University of Virginia.
- ALICE FRACKER RANDALL. *Instructor in Efficient Reading*. A.B., George Washington University; M.Ed., College of William and Mary.
- D. DORIS REPPEN. *Associate Professor of Modern Language and Chairman of the Modern Language Department*. B.A., University of Buenos Aires; M.A., University of California at Berkeley.
- URSULA V. RIDDICK. *Assistant Professor of English*. A.B., College of William and Mary; M.A., Duke University.
- DONALD B. RILEY. *Assistant Professor of Business Administration*. B.S., Norfolk College of William and Mary; M.B.A., University of North Carolina.
- MARY LUELLE ROYALL. *Assistant Instructor in Physical Education for Women*. B.S., Madison College. (On leave 1971-72)
- LAWRENCE JOSHUA SACKS. *Professor of Chemistry*. A.B., Drew University; M.S., The Pennsylvania State University; Ph.D., University of Illinois.
- JOYCE K. SANCETTA. *Professor of English*. B.A., College of Wooster; Ph.D., Yale University.
- WALLACE STEPHEN SANDERLIN, JR. *Professor of English and Chairman of the English Department*. A.B., College of William and Mary; M.A., Catholic University; Ph.D., University of Virginia.
- ROBERT MILLER SAUNDERS. *Associate Professor of History and Chairman of the History Department*. B.A. and M.A., University of Richmond; Ph.D., University of Virginia.
- CHRISTOPHER D. SCHEIDERER. *Assistant Professor of Modern Language*. B.A. and M.A., Ohio State University.

14/Instructional Staff

- LILLIAN J. SEATS. *Assistant Professor of Physical Education for Women*. B.S. and M.S., Indiana University.
- GAIL J. SELLSTROM. *Assistant Professor of Psychology*. B.A., Sacramento State College; M.A., University of Illinois; Ph.D., Michigan State University.
- ISHWAR CHANDRA SHARMA. *Associate Professor of Philosophy*. A.B., Government College, Multan, India; M.A., Panjab University, India; Ph.D., Rajasthan University, India.
- RUTH O. SIMMONS. *Assistant Professor of Biology*. B.S., Carson-Newman College; M.Ed., University of Virginia.
- ELISABETH ALICYN SMITH. *Instructor in Psychology*. B.S. and M.A., Ohio State University. (On leave 1972-73)
- WAYNE ROSS SPENCER. *Lecturer in Business*. B.S., East Carolina University; J.D., College of William and Mary.
- JOANNE SQUIRES. *Associate Professor of Psychology and Chairman of the Psychology Department*. B.S., Ohio University; M.S. and Ph.D., University of Pittsburgh.
- RONALD STEPHEN STEWART. *Assistant Professor of English*. B.A., Willamette University; M.A., University of Arizona.
- SUSAN S. ST. ONGE. *Assistant Professor of Modern Language*. B.A., Vanderbilt University; M.A., University of Wisconsin; Ph.D., Vanderbilt University.
- MARY ANN SWINDLEHURST. *Instructor in Business (Accounting)*. B.B.A. and M.P.A., Arlington State College.
- MARY MACDONALD THOMPSON. *Lecturer in Music*. A.B., Erskine College; M.Mus., University of Cincinnati.
- R. BEVERLEY VAUGHAN. *Assistant Professor of Physical Education for Men*. B.S. and M.Ed., College of William and Mary.
- GARY STEVEN VAZZANA. *Assistant Professor of Business Administration*. B.A. and M.B.A., University of Missouri.
- JOAN MCKENNA WARD. *Instructor in Modern Language*. B.A., Longwood College; M.A., University of Virginia.
- Cecil HARVEY WILLIAMS, JR. *Associate Professor of Political Science and Chairman of the Political Science Department*. A.B., Duke University; M.Div., Crozer Theological Seminary; M.A., University of Virginia.
- DEBORAH JANE WILSON. *Assistant Instructor in Physical Education for Women*. B.S., Madison College.
- JAMES CLAYTON WINDSOR. *Associate Professor of Psychology*. B.A., College of William and Mary; B.D., Colgate Rochester Divinity School; M.S., Virginia Commonwealth University; Ed.D., University of Virginia.

WILLIAM CHARLES WINTER. *Assistant Professor of Political Science*. B.S., State University of New York; M.A., The American University.

EDWARD SPENCER WISE. *Associate Professor of Biology*. B.S., Virginia Polytechnic Institute; M.S. and Ph.D., University of Illinois.

LAWRENCE BARRON WOOD, JR. *Associate Professor of English*. A.B., Hampden-Sydney College; M.A., University of Pennsylvania.

Committees of the Faculty 1971-72

- ACADEMIC AFFAIRS: Polis (Chairman), Millar, Booker, Edwards, J. Pillow, Ramseur, Wood, Flood (student), Franklin (student).
- *ACADEMIC STATUS: J. Hubbard, Kernodle, Mazzarella, Mulliken, Sancetta, Sanderlin, J. Pillow (Recorder), Booker.
- *ADMISSIONS: Al-Salam, Healey, R. Hubbard, Armistead, Mollick, Ramseur, Riddick, Polis (ex officio), Booker.
- ATHLETICS: Colonna (Chairman), J. Hubbard, Cones, Polis, Riley, Ambrose, Seats, Vaughan (ex officio), Morris (student), Gardner (student).
- BUDGET: Hones (Chairman), Mosteller, Pugh, Squires, Hammer, Sanderlin, Nauman, Saunders, Williams, Morris, Booker (ex officio), Duncan (student), Lovell (student).
- BUILDINGS AND GROUNDS: Cones (Chairman), Hones, Healey, Markusen, Sanderlin, Banks, Randall, Morgan, Olson, Raines (student), Parker (student).
- CONTINUING STUDIES: Wood (Chairman), Williams, Doerries, Edwards, Pellett, R. Hubbard, Collins, Kernodle, Smith, Stewart, St. Onge, Booker (ex officio), Smith (student), Deans (student).
- *CURRICULUM: Booker, Bright, Jones, Markusen (Vice-Chairman), Williams, Brackney, Wood (ex officio), Franklin (student).
- *DEGREES: Ambrose, Hammer, Henry, Pugh, J. Pillow (Recorder), Booker.
- DISCIPLINE: Polis (Chairman), Healey, R. Hubbard, Lawson, Mazzarella, Millar, G. Pillow, Armistead, Simmons, Henry, Moore, Mee (student), Hinkle (student).
- *FACULTY ADVISORY: Edwards, Bostick, Miller, Mulliken, Reppen, Booker.
- LIBRARY: Sancetta (Chairman), Eddins, Calder, Pellett, Mosteller, Persky, Randall, Stewart, Wise, Bostick, Brackney, Eckhause, MacLeod, Nauman, Powell, Personte (student), Kister (student).

* Elected Committees.

*NOMINATIONS: Booker (Chairman), Hammer, Mazzarella, Repen, Riddick, Vaughan.

SCHOLARSHIP AND STUDENT EMPLOYMENT: G. Pillow (Chairman), Dooley, McMurren, Persky, Chen, Ramseur, Ward, Williams, Hilliard, McKay, Martin (student), E. Tomchek (student).

STUDENT ACTIVITIES: Vought (Chairman), Polis (ex officio), Bright, Sellstrom, Mollick, Riddick, Durel, Seats, Loebner, St. Onge, Ward, Hahn (student), S. Tomchek (student).

* Elected Committees.



History

The Christopher Newport College of the College of William and Mary was established and duly authorized by the General Assembly of Virginia in its 1960 session. The College receives its support from the General Assembly and from the fees paid by the students enrolled. The affairs of the College are directed by the Board of Visitors of the College of William and Mary, appointed by the Governor of the Commonwealth of Virginia. A President, appointed by the Board of Visitors, is in charge of the actual administration and courses of instruction at the College.

The College first enrolled students in September, 1961, at its initial home, a former public school building in downtown Newport News, provided through the generosity of the City and the School Board. The City of Newport News then purchased the site of the present campus, a 75-acre suburban tract deeded to the Commonwealth of Virginia in 1963.

Since 1964, with funds appropriated by the General Assembly, the College has constructed five buildings on the campus: three classroom buildings, a library-administration building, and a gymnasium. Detailed information on each of these may be found in the section entitled *College Buildings*.

The Christopher Newport College derives its name from that of Captain Christopher Newport, the illustrious English mariner who was one of the most important men connected with the permanent settling of Virginia. It was he who was put in "sole charge and command" of the small squadron of three vessels—the *Discovery*, the *Godspeed*, and the *Susan Constant*—which made the historic voyage culminating with the landing at Jamestown in 1607.

The intriguing name *Newport News* has long mystified scholars, and, though the actual naming of this area has vanished in the mists of antiquity. Miss Cerinda W. Evans, Librarian Emeritus of the Mariners Museum, has devoted considerable time to exploring the matter and discovered that the earliest written reference to the Lower Peninsula appears in the Records of the Virginia Company dated November 11, 1619, as "Newportes Newes."

In her essay "Newport News: What's in a Name," Miss Evans has noted that "the term *Newport* is undoubtedly derived from the name of Captain Christopher Newport . . . After the arrival of the first colonists in Virginia in June 1607, it was recorded: 'The next day all received communion. The day following, Newport returned to England with newes, leaving in Virginia 100 persons, the 15th of June.' . . . It is not surprising, therefore, that the date for naming a portion of land 'Newport's News' was never recorded. The name was used

in the records, however, as if already established and well known, beginning with the date 1619."^{*}

Despite the lack of complete documentation of the facts concerning the naming of Newport News, it is appropriate and fitting that an institution of higher learning located in such an historic setting should derive its name from one who contributed so much to the early history and survival of the area.

Aims and Purposes

Christopher Newport College of the College of William and Mary is a co-educational, non-residential urban college offering an undergraduate educational program designed to meet the needs of a large metropolitan area which includes the City of Hampton, the City of Newport News, and several surrounding counties. The student body consists primarily of local students who commute from their homes or from military bases in the area.

As the urban expression of educational services of the College of William and Mary at the undergraduate level on the Peninsula, the College provides a curriculum which includes both the traditional liberal arts courses of study and special, practical programs organized to meet the unique needs of students who wish to prepare for specific vocations. As such, the College curriculum is designed to further the education of the transfer student from Thomas Nelson Community College as well as from other colleges, and to prepare students both for graduate and professional schools and for vocational fields requiring no further training beyond the undergraduate level. The College serves both full-time and part-time students by offering a schedule of classes both day and evening throughout the calendar year.

The program of the College is organized to meet the three obligations of an institution of higher education: teaching, research, and service.

Quality teaching is the primary concern of the faculty.

Since research is the basis of the intellectual life, the College provides active assistance and encouragement to its faculty engaged in scholarly, scientific, or creative projects.

Various services are rendered within the College and in the community. Extensive personal services such as counseling, tutoring, and job placement are provided in an effort to individualize and humanize the educational process. Faculty members and students are encouraged to participate in the social, business, cultural, and professional activities of the community. In turn, the community shares in the life of the

^{*} "Newport News: What's In A Name," by Cerinda W. Evans. *Daily Press New Dominion Magazine*, Sunday, March 26, 1967, p. 4.

College and offers to the College a training ground and laboratory for social, economic, and political studies.

Recognizing the complexity of a rapidly changing society and the expanding opportunities of the future, the College endeavors to maintain flexibility and openness in serving students, faculty, and community.

Accreditation

A legally constituted branch of the College of William and Mary, Christopher Newport College was given independent accreditation as a four-year, baccalaureate-granting institution in November of 1971 by the Southern Association of Colleges and Schools. The College is also accredited by the Commonwealth of Virginia.

The College Buildings

The development of the College's 75-acre campus, located in suburban Newport News, is well under way. At the present time, there are five buildings on the campus. All of them have been named in honor of those English mariners and adventurers who, in the early 1600's, settled and governed Jamestown, explored this part of the New World, and contributed significantly to the early history of the Peninsula area of Virginia.

Christopher Newport Hall

Serving as captain of the *Susan Constant* and commander of the three small English ships which landed at Jamestown in 1607, Captain Christopher Newport founded and helped govern Jamestown, explored the two rivers which define the Virginia Peninsula, directed the drawing of the first map of the area, and gave his name to Newport News. Named in his honor were both the College and the first building on the permanent campus.

Completed in the fall of 1964, Christopher Newport Hall is a classroom building of 24,160 square feet which now houses the departments of Computer Studies, Cooperative Distribution, English, Political Science, History, and Sociology. Also located in this hall are the Dean of Student Affairs' Office, the College Bookstore, and a lecture hall which seats 224.

Gosnold Hall

Occupied in September, 1965, Gosnold Hall contains 42,389 square feet of classrooms, office, and laboratory space. It was named in honor of Captain Bartholomew Gosnold, the early navigator and colonizer

who served as Captain Newport's vice admiral, in command of the *Godspeed* on the Jamestown voyage. Both he and Captain Newport were among the seven men who served as the colony's first council.

Gosnold Hall houses the departments of Biology, Chemistry, Mathematics, Philosophy, and Physics, as well as the Placement and Public Relations Office and the Reading Laboratory. Like Christopher Newport Hall, it also contains a large lecture hall seating 224. The Student Lounge-Snack Bar is presently located there also. A greenhouse used by the Biology department is adjacent to Gosnold Hall.

Ratcliffe Gymnasium

Captain John Ratcliffe commanded the third ship on the Jamestown voyage, the *Discovery*, served as one of the seven members of the first Virginia Council, and was chosen as the second Virginia governor. Ratcliffe Gymnasium was named in his honor.

Occupied in the fall of 1967, Ratcliffe Gymnasium is the home of the College's Physical Education department and the College's athletic activities, both intercollegiate and intramural. Consisting of 32,979 square feet, the building contains office and classroom space as well as two gymnasiums, one of which accommodates spectators at indoor athletic events.

Captain John Smith Library and Administration Building

Completed in the fall of 1967, this building of 32,576 square feet was named in honor of Captain John Smith, the famous adventurer, explorer, and author who was a promoter and organizer of the Virginia Company of London and landed with the colonists in 1607. He explored the Chesapeake Bay area, served on the colonists' first council, and was for a time governor of the colony.

The Administration Building houses the President's Office, the Dean of Academic Affairs' Office, the Office of Admissions and Registration, the Office of the Director of Curriculum Development and Continuing Studies, and the Business Office. Also located here are the College switchboard, faculty mail boxes, a conference room, and the maintenance department.

The Captain John Smith Library contains approximately 40,000 volumes which are being cataloged according to the Library of Congress classification scheme. Of this number, approximately 3,100 volumes are reference books, 5,500 are bound volumes of periodicals, and 31,400 are circulating books. The library receives 415 current periodicals and 12 daily newspapers. A growing record collection is housed in the listening room.

The library building houses books on open shelves. It is completely air-conditioned and includes a reference room, two reading-stack rooms, a listening room, a browsing area, and an open-air reading deck. The library has a seating capacity of 195.

A Xeroxing service in the library enables students to copy pages from reference books and articles from periodicals, as well as personal items, for a fee of ten cents per page.

The library hours during the regular session are:

Monday-Thursday	8:00 a.m. to 10:00 p.m.
Friday	8:00 a.m. to 5:00 p.m.
Saturday	9:00 a.m. to 3:00 p.m.
Sunday	1:00 p.m. to 8:00 p.m.

Wingfield Hall

The College's fifth building, a classroom structure of 20,090 square feet, was occupied in June of 1970. It was named in honor of Edward Maria Wingfield. Along with Captains Newport, Gosnold, Ratcliffe, and Smith, as well as John Martin and George Kendall, Edward Wingfield was named to His Majesty's Council for the first colony in Virginia at Jamestown. From April to September of 1607, Wingfield served as the first president (or governor) of the colony.

Wingfield Hall houses the departments of Business, Classical Studies, Economics, Education, Modern Languages, and Psychology. The Counseling Office is also located in this building.



The Christopher Newport College Campus Center
now under construction



Student Life

Student Responsibilities, Rights, Activities, and Services

Responsibilities

Registration as a student at Christopher Newport College implies that the student will accept certain responsibilities which are essential to membership in the college community. A minimum number of rules and regulations provides an atmosphere of freedom and responsibility.

The discipline of the College is vested in the President by the action of the Board of Visitors. Infractions are considered by the Discipline Committee, which represents administration, faculty, and students. The College reserves the right at any time to suspend or dismiss a student whose conduct or academic standing is, in its judgment, unsatisfactory. Regulations governing conduct and student life are printed in the *Christopher Newport College Student Handbook*.

Student Dress

A student's dress and general appearance are considered to be a matter of personal taste; however, courtesy and a concern for the rights of others dictate that they be appropriate to the place and occasion. Students are expected to maintain standards of dress and comportment which are generally acceptable at the College and in the community.

Parking Regulations

Students who wish to use college parking facilities must register their automobiles with the Dean of Student Affairs, at which time an identification sticker will be issued. Owners of unregistered vehicles who use college parking areas will be subject to a fine.

All students are expected to park in the parking lots off Moore's Lane. The ellipse in front of Christopher Newport Hall, the library parking areas, and those areas marked by signs are reserved for faculty, staff, and visitor parking only. Parking is not permitted beside a yellow curb or on the left side of any road or access to or from the parking lots. Violators of these regulations will be fined for each offense.

Rights

Students at Christopher Newport College are considered, with faculty and administrators, as vital in the educational process. While

it is recognized that each of these three groups has its own role in this process, it is also understood that cooperation and mutual respect are necessary for a significant learning experience to take place. Students play a major role in determining their own affairs in at least three areas: student government, the Honor Council, and certain faculty committees.

Student Government Association

All regularly enrolled students at Christopher Newport College are members of the Student Body. The powers of the Student Body include control over all student activities and are vested in regularly elected officers, known as the Student Government Association.

The Honor Council

The Honor Council, composed of six students nominated by the Student Government Association and elected by the Student Assembly, is given authority over the College's Honor System.

All students accept and respect the jurisdiction of the Student Government Association and the College's Honor System as they affect them both academically and socially and as they are explained in the *Student Handbook*.

Faculty Committees

Students are given a voice in College affairs through representation on appointed and certain elected faculty committees. Appointed by the Student Government Association, students now serve as voting members on the following committees: Academic Affairs, Athletics, Budget, Buildings and Grounds, Continuing Studies, Curriculum, Discipline, Library, Scholarship and Student Employment, and Student Activities.

Activities

Athletic Program

Intercollegiate activities offered are basketball, cross-country, indoor and outdoor track, golf, and tennis for the men. The women participate in intercollegiate field hockey and basketball.

A strong intramural program is offered for both men and women under the sponsorship of the Physical Education Department. The men's activities include flag football, basketball, volleyball, table tennis, golf, and softball. The women's activities include basketball, volleyball, softball, badminton, archery, and gymnastics.

The college teams play under the name "Captains." The College colors are royal blue and silver.

Organizations

Christopher Newport College encourages students to participate in the extracurricular life of the College as well as its academic life. A number of social, religious, service, and interest organizations have been established on the campus. These are listed alphabetically below, along with a brief description of each. Students interested in creating additional clubs are encouraged to consult with the Dean of Student Affairs.

CHRISTOPHER NEWPORT BIOLOGICAL SOCIETY strives to provide discussions of current topics of interest and provides service to the College.

BLACK STUDENT UNION works toward a closer relationship between black students and the rest of the College Community.

CAMPUS CHRISTIAN FELLOWSHIP is an informal group interested in seeking the abundant life through the Lord Jesus Christ.

CHI PSI OMEGA FRATERNITY promotes service, good fellowship, and high scholarship among its members.

CHRISTIAN SCIENCE ORGANIZATION AT CHRISTOPHER NEWPORT COLLEGE holds weekly testimony meetings for all interested persons and sponsors an annual lecture to help promote religious understanding on the campus.

IOTA PI, Chapter of Alpha Kappa Psi, **NATIONAL BUSINESS FRATERNITY**, strives to relate the Business Degree to the business community, instill the principles of good management, and to provide, through group activity, the environment necessary to accomplish these aims.

CIRCLE K is a service organization sponsored by the Kiwanis International.

CNC PLAYERS is a group of students who are interested in all aspects of the theatre and who produce a number of plays a year.

COLLEGIATE CIVITAN CLUB is a service and citizenship oriented organization, sponsored by Civitan International.

DISTRIBUTIVE EDUCATION CLUB furthers the aims and purposes of the DE program at the College.

EQUALITY explores the issue of equal opportunities for both sexes in all fields of endeavor and strives to promote discussion of these ideas among the student body.

GOVERNMENT CLUB strives to create student and faculty interest in public affairs, to develop career opportunities and to improve educational opportunities.

HISTORY CLUB encourages an interest in history and related fields through films, discussions, and field trips.

MONOGRAM CLUB consists of athletes who have won their letters in varsity intercollegiate competition.

NEWMAN APOSTOLATE, although a Catholic organization, welcomes members of all faiths who aid actively in service, social, and religious projects.

PATRICK HENRY FORUM explores the issues and ideas of our times in a non-partisan manner.

PI KAPPA SIGMA SORORITY encourages leadership and fellowship among sisters and promotes the College in the community.

PSYCHOLOGY CLUB provides students the opportunity of serving the College and community through academic programs and service.

CHRISTOPHER NEWPORT SAILING CLUB promotes sailing among students and faculty. Skilled members form a team which races intercollegiately.

SOCIOLOGY CLUB stimulates interest in Sociology and social welfare, provides service to the College, promotes cooperation between students and faculty, and provides opportunities for informal interaction among the members.

WOMEN'S RECREATION ASSOCIATION fosters interest in athletics among the women students at the College.

Publications

The College encourages students interested in journalism, creative writing, art, and photography to become actively involved in one or several of the student publications listed below.

THE CAPTAIN'S LOG, the College's official student newspaper, affords practice in journalistic writing, advertising, and photography.

THE TRIDENT, the College's yearbook, offers experience in art layout, advertising, and photography.

THE UNDERTOW, the campus literary magazine, publishes the creative art work, writing, and photography of interested students.

Student Personnel Services

The Counseling Office

The Counseling Office offers to new and enrolled students services that are an integral part of their educational experience. It offers guidance and counseling in three main areas: educational counseling—help in selecting the proper courses of study and in establishing effective study habits; vocational counseling—aid in determining the profession or position for which the student is best suited; and personal adjustment counseling—assistance in overcoming difficulties in social adjustment and other personal problems.

In vocational counseling a testing and information service is provided. Vocational interest and aptitude tests are available to all students who desire help in choosing their major fields of study.

An important function of the Counseling Office is its work with new students. After the placement tests are complete, each incoming student has an individual interview with a counselor. He learns the results of the tests and discusses course possibilities. The final decision reflects not only the placement testing but also the high school achievement and the student's own interests. The relationship with each student is one whose aim is to foster growth in the student in such a way as to enable him to meet his developmental tasks more effectively with improved insight.

A tutorial program and developmental reading laboratory are available to students who need special assistance.

Psychiatric consultation is available through the Riverside Mental Health Clinic. In case of referral, the appropriate fees for the services of the Clinic will be paid by the student and/or his parent or guardian.

Loans and Scholarships

The College offers financial assistance to deserving students who wish to defray a part of their total college expense. A full description of scholarships and loans may be found in the *Financial Assistance* section.

The Placement Office

The Placement Office assists students in finding part-time employment on and off campus while in college. In addition, the office assists those students seeking full-time employment prior to or after graduation by arranging interviews for them with representatives of businesses, industries, and government, both local and national.



Admission to College

Christopher Newport College does not discriminate with regard to race, color, religion or national origin.

Depending on the applicant's intention, need, and/or educational background, he may present his application to either the Dean of Admissions or the Director of Admissions for Unclassified Students. The Dean of Admissions will receive all applications for immediate admission into a degree program; the Director of Admissions for Unclassified Students will receive all other applications. Applicants to either office may request *part-time* status (less than twelve semester hours or the equivalent, including non-credit preparatory work and required physical education.)

That applicant accepted into the College by the Dean of Admissions shall be known as a *Classified Student*; that applicant accepted into the College by the Director of Admissions for Unclassified Students shall be known as an *Unclassified Student*. Either type of student may be assigned to a part-time status when such would seem academically beneficial to him, the exact course load being determined during the interview he has with his counselor.

Applicants for admission must present their applications on printed forms secured from the Dean of Admissions or the Director of Admissions for Unclassified Students, Christopher Newport College, Shoe Lane, Newport News, Virginia. (The College's mailing address is Box 6070, Newport News, Virginia 23606). Applicants will be considered for admission in August and January of each academic year. (Applicants for Summer Session only should contact the Director of Admissions for Unclassified Students.)

Application deadline: Applicants wishing to enroll as degree-seeking students must file their applications for the fall semester by August 1, and for the spring semester by December 15. After the deadlines applicants will be referred to the Director of Admissions for Unclassified Students for admission as Unclassified Students. A student so admitted may file for a change of status at a later date. (NOTE: An applicant must be admitted to classified status *before* he enrolls in his last thirty credits applicable toward his degree.)

Admission to Classified (Degree-seeking) Status

Freshman Applicants

Admission Requirements

The general requirements for admission to Christopher Newport College as a freshman are as follows:

- (1) Graduation from an accredited secondary school or its equivalent as shown by examination (see *Admission Based on Equivalency Tests*).
- (2) An average of C or better in a program consisting of a minimum of sixteen units (grades nine through twelve).

Preferred credits include four units of English, three of mathematics (two algebra, one plane geometry), two in history, two in science (including one laboratory science), and two in foreign language (ancient or modern). A student who plans to major in mathematics, science, or engineering will be better prepared for such a program if he has included in his high school studies a fourth unit in higher mathematics and a second laboratory science.

- (3) Acceptable scores on the Scholastic Aptitude Test of the College Entrance Examination Board.*

(January applicants must take the SAT no later than December; otherwise, scores reach the College too late for processing for second semester admissions.)

- (4) Recommendation for admission by the secondary school principal or guidance counselor.

Admission Based on Equivalency Tests

The College will consider for admission adults who have satisfactorily completed the military or civilian high school equivalency tests. In addition to the scores achieved on these tests and the certificate of equivalency, the College will require the applicant's partial high school record and his scores on the Scholastic Aptitude Test. If

* The College will also evaluate any available scores on standardized tests administered to the student by his secondary school.

the applicant lacks necessary preparation in specific high school subjects, he may be asked to seek such preparation in order to qualify for admission.

Application Procedures

Preliminary Application The first step in the admission procedure is to complete the preliminary application card and mail it, with the application fee of \$10.00, to the Business Manager, Christopher Newport College, Newport News, Virginia 23606. The application fee is non-refundable, and will not be applied toward other college fees. If the student does not enroll in the semester for which he originally applied, the fee may be carried over to the next semester only.

Application for Admission Upon receipt of the preliminary application and fee, the College will send the applicant the detailed Application for Admission. This application and the Statement of Responsibility should be completed and returned to the Dean of Admissions, Christopher Newport College, Newport News, Virginia 23606.

Secondary School Record The transcript form should be delivered to the secondary school with instructions as to when it should be sent to the College, based on the following:

Early Consideration An applicant who has taken the Scholastic Aptitude Test or plans to take it by December of his senior year, and who has a strong school record (B average or higher), may wish to receive early consideration. If this is the case, he should request that his transcript, with the grades through the junior year, be returned to the College immediately.

Consideration after mid-year senior grades are available. The applicant to whom the early consideration does not apply should have his transcript sent after his mid-year senior grades are available.

Any applicant who has already graduated from high school should have his record sent immediately.

G.E.D. Certificate Holders An applicant who has completed the military or civilian high school equivalency tests is asked to furnish the following items:

- (1) G.E.D. Certificate and scores.
- (2) Partial high school record (send transcript form to last school attended).
- (3) Records of any preparatory work taken since leaving high school, such as USAFI courses, adult education courses, etc.

Scholastic Aptitude Test of the College Entrance Examination Board Each applicant for admission to the Freshman Class is required to take the Scholastic Aptitude Test. The College prefers that the applicant take the July, November, December, or January test, but scores from the March or April test are acceptable. However, January applicants must take the SAT no later than December; otherwise, scores reach the College too late for processing for second semester admissions. A student may arrange to take the test through the guidance office at his high school. An applicant who is no longer in school may pick up an application for the test at the College admissions office or may write to Educational Testing Service, Box 592, Princeton, New Jersey 08540.

Veterans An applicant who is a veteran is requested to furnish the College with a copy of his notice of separation from military service, Form DD 214. If he will not be released until immediately before the enrollment date, he will be expected to furnish the form as soon as it is available.

Interviews An interview is *not* routinely required for admission. After admission, each student will be scheduled for a counseling interview to assist him in planning his academic program.

Transfer Applicants

Admission Requirements

It is recommended that an applicant seeking transfer to Christopher Newport College as a classified student present an overall C average from a four-year college or from a college parallel program in a two-year college. Students who have been placed on academic probation or suspension from their last college attended will not be admitted to classified status. Students in technical-occupational programs from the two-year colleges will be considered on an individual basis.

The student who does not meet this requirement but wishes an opportunity to qualify ultimately for admission as a *Degree-seeking Student* may consider applying as an *Unclassified Student* (see *Admission to Unclassified Status*).

Application Procedures

Preliminary Application The first step in the admission procedure is to complete the preliminary application card and mail it, with the application fee of \$10.00, to the Business Manager, Christopher Newport College, Newport News, Virginia 23606. The application fee is

non-refundable, and will not be applied toward other college fees. If the student does not enroll in the semester for which he originally applied, the fee may be carried over to the next semester only.

Application for Admission Upon receipt of the preliminary application and fee, the College will send the applicant the detailed Application for Admission. This application and the Statement of Responsibility should be completed and returned to the Dean of Admissions, Christopher Newport College, Newport News, Virginia 23606.

College Records The applicant must request that *all* colleges he has attended send to Christopher Newport College official transcripts of his record.

The student who is currently enrolled in a college or university should have his transcript sent after completion of the first semester (or the second quarter) of the current academic year. An applicant who has completed less than one semester, trimester, or quarter at another college must nevertheless present an official transcript from that college. *Concealment of previous attendance at a college or university is cause for cancellation of admission and registration.*

The applicant who is applying for the semester beginning in January should have all transcripts sent immediately following formal application to the College. If he is in his first semester of college, he must have his mid-semester grades sent to the College as soon as they are available.

Recommendation Form The application should have his dean or adviser complete and return to the College the recommendation form included with his application. (Exception: If the applicant has attended only a summer session or evening college program as an unclassified or special student, he should note this fact on the form and return it to the College with his application.) If the applicant has attended more than one institution, he should send the form to the last college he attended as a regular, degree-seeking student.

Secondary School Record If the applicant has completed less than a full year (24-30 semester credits or 36-45 quarter credits) of college work applicable to a baccalaureate degree, or if his college credits have been acquired through extension or correspondence courses, he should request the principal of his secondary school to send the College a transcript of his record. A community college student in a technical-occupational program may be considered, but must submit his secondary school record. This record is needed *in addition to* his college record(s).

Advanced Placement and/or Credit Earned by Examination

The College offers to entering students the opportunity to obtain advanced placement and/or credit in either of the following programs:

1. *The Advanced Placement Program* of the College Entrance Examination Board.

This program offers to able and ambitious students the opportunity to qualify for advanced placement and credit in American history, biology, chemistry, English, European history, French, German, Latin, mathematics, physics, and Spanish. Applicants for advanced placement should plan to take the College Board Advanced Placement Tests offered each May by secondary schools teaching Advanced Placement courses. The test results will be evaluated by the College and official notification of the decision sent to the student.

2. *The College-Level Examination Program* of the College Entrance Examination Board.

a. Subject Examinations

Individuals who have acquired considerable knowledge of a subject area through wide and careful reading, independent study, non-accredited instruction, or some other method now have the opportunity to earn college credit through examination. Subject exams currently available are: American Government, American History, American Literature, Analysis and Interpretation of Literature, Biology, Business Law, College Algebra, College Algebra-Trigonometry, Computers and Data Processing, Educational Psychology, English Composition, English Literature, General Chemistry, General Psychology, Geology, Human Growth and Development, Introduction to Business Management, Introductory Accounting, Introductory Calculus, Introductory Economics, Introductory Marketing, Introductory Sociology, Money and Banking, Statistics, Tests and Measurements, Trigonometry, and Western Civilization.

b. General Examinations

During the 1972-73 session the College will begin a pilot project involving the CLEP General Examinations. The progress of a selected group to whom advanced placement and credit have been given will be followed for a two-year period. Out of the study will come a policy concerning future use of the General Examinations.

CLEP Test Center

Christopher Newport College is a test center for the administration of the CLEP tests, both Subject and General. Interested students should contact the Coordinator of the College Level Examination Program in the College Counseling office.

No more than thirty semester credits may be applied toward the degree for work completed in extension, special institute or correspondence courses, or through the College Entrance Examination Board Advanced Placement Program and College-Level Examination Program.

Admission to Unclassified Status

The College recognizes its obligation to meet the needs of persons whose interests and backgrounds are not necessarily served through participation in the College's degree programs but who could benefit from portions of the College's regular curriculum or any special programs created by the College. To meet this need, the College permits individuals to enroll as unclassified (non degree-seeking) students in both day classes (when space is available) and in evening classes. Such students include those who desire to enroll in courses for personal and/or occupational improvement; those whose prior academic records are either too old or too inadequate to testify to their ability to cope immediately with the diversity and structure of a degree program and who wish to demonstrate that they can do so; and those who desire to earn academic credit applicable to a degree from another college or university.

Unclassified Students receive academic credit in the same manner as Classified Students.

Unclassified Students will be expected to meet prerequisite requirements for individual courses, unless excused by the Dean of Academic Affairs because of occupational or other experience.

Requirements for Admission to Unclassified Status

An applicant *without* prior college attendance must (1) be a graduate of an accredited secondary school, or (2) have earned a GED Certificate.

An applicant *with* prior college attendance will be considered on the basis of his college record(s). If an applicant has been placed on academic suspension by the college he previously attended, he may be considered for admission to Christopher Newport College as an

Unclassified Student if a period of at least one semester or two quarters has passed.

An Unclassified Student may be permitted to carry a full-time academic load if his past academic records indicate sufficient aptitude and preparation. In some cases the applicant for full-time admission may be limited to a part-time or minimum full-time load for his first semester of studies.

Application Procedures for Admission to Unclassified Status

- (1) All applicants must fill out the form *Application for Admission to Unclassified Status*.
- (2) All applicants must provide data supportive of their application, this data being determined by the nature and quantity of past academic experience:
 - (a) If the applicant is a high school graduate, he must have his high school forward an official transcript of his high school record.
 - (b) If the applicant is not a high school graduate but has earned a GED Certificate, he must have his high school forward an official transcript of his high school record and his certifying agency forward an official transcript of his GED Certificate and scores.
 - (c) If the applicant has attended college but has earned less than 15 transferable semester credits, he must have his high school or certifying agency forward the information in (a) or (b) above; have his college(s) forward official transcript(s) of his record; and have the registrar at the last college attended as a full-time or degree-seeking student fill out the Certificate of Academic Standing.
 - (d) If the applicant has attended college and earned 15 transferable semester credits but has not yet been graduated, he must have his college(s) send official transcript(s) of his record and have the registrar at the last college attended as a full-time or degree-seeking student fill out the Certificate of Academic Standing.
 - (e) If the applicant is a college graduate, he must have the registrar at the college that graduated him signify such on the Certificate of Academic Standing.

Admission as an Auditing Student

An individual who wishes to take courses on an auditing basis should contact the Director of Admissions for Unclassified Students for a special application form. Auditors are *not* required to furnish any academic documentation.

Evaluative Procedures

After all materials have been received, they will be reviewed carefully by the appropriate officers and committees of the College and the applicant will be informed in writing of their decisions. Upon due acceptance, applicants are entitled to register and receive college credit for all work satisfactorily completed. The credit is transferable to other colleges.

Occasionally an applicant for admission to Unclassified Status cannot obtain in time for registration the necessary supporting documents (transcripts, etc.). In this case, with consent of the Director of Admissions for Unclassified Students, he may be admitted on a part-time basis as a Conditional Student. The College will be forced to cancel the registration of any student whose records, upon arrival, indicate that he is ineligible for admission. If a conditional student's records do not arrive by the end of the semester, the College will be unable to release grade reports, transcripts, or any other information concerning his scholastic record at Christopher Newport College.

Requirements to Change to Classified Status

Admission to the Unclassified Status does not mean that a student cannot enter Classified Status at a later date. While an unclassified student may apply at any earlier time to be admitted into Classified Status, he must apply for such prior to enrollment in the last thirty credit hours applicable to a degree; however, in the case of the B.A. and B.S. degrees it is highly advisable that he make this application prior to the last sixty credit hours applicable to the degree. Forms for this are available from the Dean of Admissions.

Application does not mean acceptance; acceptance comes only after an affirmative review of the applicant's records by the Committee on Admissions.

Fees and Expenses

The College Reserves the Right to Make, with the Approval of the Proper Authorities, Changes in Tuition and Other Fees at Any Time.

Payment of Application Fee

In compliance with the policy of the other tax-supported institutions of the Commonwealth of Virginia, the College will require a non-refundable fee of \$10.00 to cover the cost of processing the application for admission as a classified student. A check or money order for \$10.00, made payable to Christopher Newport College, must accompany the preliminary application of each student. It is not to be considered as a partial payment on the normal tuition charges. If the student does not enroll in the semester for which he originally applies, the fee may be carried over to the next semester only.

No fee is required of anyone applying for admission as an unclassified student. If the student wishes to change his status to classified, he must pay the required non-refundable fee of \$10.00.

Payment of Accounts

Deposit—A deposit of \$25.00 is required of a new day student to reserve his space at the College. All day students, new and currently enrolled, who plan to enroll in the fall are required to pay the deposit of \$25.00. This payment is applied on the student's regular college account.

A student enrolling for the first time shall not pay the deposit until he has been notified of his admission to the College. A student already enrolled may make his deposit at any time after the beginning of the second semester, but it must be paid before June 1. The deposit will be returned only to a student whose notice of withdrawal is received in writing, postmarked no later than July 15 for the fall semester, or no later than December 1 for the spring semester.

The College has established a procedure for pre-registration for day classes, both for current and new students. All students should be aware that no classes will be reserved for any student who has not paid the deposit by June 1. New day students accepted after this date will be allowed to pre-register only until August 1. Payment of the deposit will be expected of these students also in order that the spaces may be reserved.

A student attending only evening classes will not be expected to pay a deposit.

Tuition and fees are due at the time of registration. All checks should be made payable to Christopher Newport College.

Tuition and Comprehensive Fee

Tuition and Comprehensive Fee (\$20.00 per hour per semester for In-State students, not to exceed \$300.00; and \$30.00 per hour per semester for Out-of-State students, not to exceed \$450.00) is a payment towards the general maintenance and operating costs of the College. The Comprehensive Fee of \$2.00 per semester hour is non-refundable. Military students, enrolling under a plan in which the Armed Services pay part of the costs, need pay at the time of registration only that portion of the tuition fee for which the individual is personally responsible. Tuition assistance papers must be provided at the time of registration.

An auditing fee of \$20.00 is charged for each semester credit.

One Continuing Education Unit (CEU) is equal to 10 hours. The fee for any course carrying such units will be \$18.00 per CEU. Current courses which carry continuing education units are:

French 001 and 002—3 CEU
Spanish 001 and 002—3 CEU
Reading 001 and 002—3 CEU

Any student enrolled in regular day classes who wishes to take an evening class may do so on a space available basis. In such a case his tuition fee will be determined by totaling his combined day and evening load.

Classification as a Virginia Student

To be considered a Virginia student for any given semester, it is necessary that the applicant shall have been domiciled in the State of Virginia for at least one year immediately preceding the beginning of that semester, and the parent or legal guardian must have been a *bona fide* taxpayer to the State of Virginia for the calendar year of registration.

The student is classified as an in-state student if his parent or legal guardian has been domiciled in the State of Virginia for a full calendar year prior to registration and has paid Virginia state income taxes for the previous tax year of his matriculation. The domicile of the father or guardian controls the domicile of the student. It is the domicile of the father and his payment of income taxes that is basic in determining classification as a Virginia student. Unusual circumstances may be ruled upon by the Business Office.

Residence in the State for the purpose of securing an education does not qualify an individual for classification as a Virginia student.

Incidental Expenses

It is impossible to estimate the exact cost to students of clothing, travel, and incidental expenses. These are governed largely by the habits of the individual. The College endeavors to cultivate frugality on the part of the students, and equally to minimize temptations to extravagance. As the demands for extra money are small, parents are advised to furnish only a small sum.

The cost of books depends somewhat on the courses taken, but will seldom be less than \$100.00 a year and does not usually exceed \$150.00 a year.

Money for books cannot be included in checks covering college tuition and fees; books should be paid for in cash or by separate check when purchased. Checks for books should be made payable to the C.N.C. Bookstore.

Non-Recurring Fees

Application Fee	\$10.00
Diploma Fee:	
Associate's degree	\$ 5.00
Bachelor's degree	\$10.00
Academic Regalia:	
Associate's degree	\$ 5.00
Bachelor's degree	\$10.00

Bridge and Tunnel Tickets

Students using bridge or tunnel facilities for which a toll is charged may purchase ticket books at reduced rates from the Business Manager. Students are eligible for this privilege only if they use toll facilities when commuting from home to the College on the day of a scheduled class. Identification cards must be obtained from the Registrar before tickets can be purchased.

Withholding of Transcripts and Degrees in Case of Unpaid Accounts

Transcripts or any other information concerning scholastic records will not be released until college accounts are paid in full. Degrees will not be awarded to persons whose college accounts are not paid in full.

Cashing of Student Checks

The College does not have facilities for handling deposits for students' personal expenses but the Business Manager's Office is prepared to cash checks up to \$25.00. All such checks should be made payable to the student or to cash. Under our regulations as a State institution, we are not permitted to cash checks made payable to Christopher Newport College.

Refund Policy

Notice of intention to withdraw must be made on a form secured from the Office of the Registrar.

No refund will be made to a student who withdraws unofficially, or who has been required to withdraw by the College, regardless of the date of withdrawal.

All refund checks will be sent to the student's address from the State Treasurer's Office in Richmond, Virginia.

Subject to the following regulations and exceptions, all charges made by the College for fees are considered to be fully earned upon the completion of registration by the student.

Refunds to Students Withdrawing from Classes

1. A student withdrawing from all classes or dropping a class prior to the period of registration (See *College Calendar* for exact date) is entitled to a refund of all reimbursable tuition payments. The Comprehensive Fee is not reimbursable. For example: A full-time student who has paid \$300.00 would receive a full refund less the Comprehensive Fee of \$30.00 and a Processing Fee of \$10.00 for a total refund of \$260.00.

2. If a student withdraws from all classes or drops a class within the subsequent two-week period, the College will refund 50% of the reimbursable tuition charges. For example: A full-time student who has paid \$300.00 would receive a 50% refund less the Comprehensive Fee of \$30.00 for a total refund of \$120.00.

3. A student who withdraws from all classes or drops a class after the second week (See *College Calendar* for exact date) will not be entitled to a refund.

4. All students enrolled in a class which the College cancels for any reason will receive a full refund of tuition and fees.

5. No refunds will be given for unofficial withdrawals or drops.

6. No refunds will be given for non-credit courses.

Financial Assistance

The College offers financial assistance to deserving students. Awards are made on the basis of need, and status as a full-time classified student, and are made for one year only. The recipient of an award may apply for renewal provided he maintains a satisfactory academic record.

The types of aid include scholarships, grants, loans, and student employment. Because all scholarship funds are given either by the Commonwealth of Virginia or by local organizations or individuals, the College can offer scholarships only to Virginia residents. Loans, grants, and employment are available to out-of-state students.

Any full-time student or prospective student may apply for a scholarship. An application may be filed before a student is admitted to the College, but it will not be processed until notification of acceptance is given.

It is recommended that both new and renewal applications for the Fall Semester be filed with the College prior to May 1; late applicants will not be considered after September 15. The deadline for the Spring Semester is November 15. The deadline for the Summer Session is April 15. The Parents' Confidential Statement or the Student's Financial Statement must be filed at least four weeks ahead of the deadline.

In addition to the application form, which may be obtained from the office of the Director of Financial Aid, the student must submit a *Parents' Confidential Statement* to the College Scholarship Service. This form may be obtained from the student's high school, from the College, or from the College Scholarship Service, Box 176, Princeton, New Jersey 08540; Box 881, Evanston, Illinois 60204; or Box 1501, Berkeley, California 94701. Students who consider themselves "independent" students should contact the College for a *Student's Financial Statement*. A student is *not* independent if he: a. Has been claimed or will be claimed as an exemption for Federal income tax purposes by either parent or any other person (except spouse) for the calendar year in which aid is received and the prior calendar year, or b. Has received or will receive financial assistance of more than \$200, including room and board, of any kind from one or both parents or guardian in the calendar year in which aid is received and the prior calendar year. A student is considered to have received more than \$200 in assistance if he has resided with his parents for four months or more.

Endowed Scholarships

CIVITAN CLUB OF NEWPORT NEWS SCHOLARSHIP

A grant established in 1966. The scholarship awards \$300 per academic year to a graduate of a Peninsula high school, and is made on the basis of character, need, and ability. The scholarship, upon application, may be renewed for the sophomore year, providing the student is maintaining at least a C average.

COATS AND CLARK, INC. SCHOLARSHIP

A grant established in 1967. The scholarship awards \$500 per academic year to an entering freshman, preferably a resident of the Peninsula area. Special consideration will be given to children of employees of Coats and Clark, Inc. Upon application, the scholarship may be renewed, providing the student maintains an academic standing in the upper half of his class.

HAMPTON-NEWPORT NEWS-YORK COUNTY CITY PANHELLENIC SCHOLARSHIP

A grant of \$200 per academic year, made on the basis of need and academic qualifications, to a full-time woman student who is entering her sophomore year, and who plans to further her college education.

HAMPTON ROADS JAYCETTES SCHOLARSHIP

A grant of \$200 per academic year to a full-time woman student.

HATTEN MEMORIAL FUND

Established in September 1965 by Mr. Earl R. Hatten in memory of his late wife, Leone Quackenbush Hatten, a grant of \$10,000 has been invested by the College and the earnings from this fund are being used for scholarship purposes for deserving senior students.

JULIA TUCKER HERMAN MEMORIAL SCHOLARSHIP

An anonymous grant established in 1965. The scholarship, based strongly on need, grants varying amounts up to a maximum equaling the session tuition for a Virginia student.

THE JUNIOR WOMAN'S CLUB OF HILTON VILLAGE SCHOLARSHIP

A scholarship fund was established in 1967 to assist students interested in becoming kindergarten teachers. Grants will vary accord-

ing to the individual student's need. Special consideration will be given to prospective elementary teachers.

LEON HODGE MEMORIAL SCHOLARSHIP FUND

This fund was established in 1970 in memory of Leon Hodge. Its continuance is made possible by contributions from friends of the late Mr. Hodge.

NEWPORT NEWS LIONS CLUB SCHOLARSHIP

A grant of \$300 per academic year, made on the primary basis of need, to a freshman student, who is a resident of Newport News.

R. BANE JONES MEMORIAL SCHOLARSHIP

A grant established effective September, 1971, by the Newport News Young Republican Club in memory of R. Bane Jones, charter member of the organization. The grant, made on the basis of scholastic performance and financial need, awards \$100 per academic year to a rising junior pursuing a major in government. A minimum C average is required.

ROBERT MADISON USRY MEMORIAL SCHOLARSHIP

A grant established in 1971 by Pi Kappa Sigma Sorority in memory of Robert Madison Usry, Assistant Professor of History at Christopher Newport College from 1961 until his death in January, 1971. The scholarship awards \$200 per academic year to a junior or senior degree-seeking woman student. If awarded to a junior, it may be renewed upon application.

TOM FISCELLA MEMORIAL SCHOLARSHIP

A grant established in 1971 by Mr. and Mrs. Ben Fiscella in memory of their son. The scholarship grants an amount equaling the session tuition for a Virginia student. Upon application, the scholarship may be renewed.

THOMAS J. HUNDLEY AWARD

A grant established in 1969 by the Newport News-Hampton Board of Realtors. The scholarship, based on need, awards \$400 to a local resident who will have attained the academic classification of senior for the session in which he or she will receive the scholarship.

VIRGINIA UNDERGRADUATE SCHOLARSHIPS

The General Assembly has allocated funds to the College for scholarships to undergraduate students who are Virginia residents.

Teaching Scholarships**VIRGINIA STATE TEACHERS' SCHOLARSHIPS**

The General Assembly has made an appropriation for Scholarship-Loans to students who are residents of Virginia and who plan to teach in the Virginia Public Schools. These scholarship-loans are valued at \$450 per academic year. Only a limited number of carefully selected freshmen will be eligible. Interested students should contact the Director of Student Teaching.

Educational Opportunity Grants

Under the Higher Education Act of 1965 and subsequent amendments, funds are available to colleges and universities for the purpose of providing scholarships to undergraduate students of exceptional financial need who would not, except for the grant, be financially able to attend college. Educational Opportunity Grants in amounts which may vary between \$200 and \$1000 are available for qualified students. These awards must be matched in equal amounts by other financial aid provided by the institution through scholarships, loans, or employment. Applicants for the Educational Opportunity Grant must be enrolled or accepted for enrollment as full-time students and show evidence of academic or creative promise and capability of maintaining good standing. Grants may be renewed from year to year for the first four years of undergraduate work provided:

The student is allowed to remain in the institution; he continues to show academic promise; it is reasonable to expect that he will be graduated; the financial need remains.

Loans**EMERGENCY LOAN FUND**

An emergency loan fund established in 1967 by the Sophomore Class in honor of J. C. Windsor. Students may borrow, interest free, up to \$50 for a period not to exceed thirty days. Apply to the Director of Financial Aid.

THE JOHN STEPHEN RASMUSSEN MEMORIAL LOAN FUND

An emergency loan fund established by the community in 1972 in memory of John Stephen Rasmussen, a 21-year-old student who lost his life in a fire while in the act of saving others. He was posthumously awarded a Carnegie Medal. Students may borrow, interest free, up to \$100 for a period not to exceed sixty days.

VIRGINIA UNDERGRADUATE LOANS

The General Assembly has allocated funds to the College for loans to undergraduate students who are Virginia residents.

WARWICK ROTARY CLUB SCHOLARSHIP

A grant of \$400 per academic year to an entering freshman, preferably a Peninsula resident. Upon application the scholarship may be renewed, assuming the student is in good standing and pursuing a full-time program of studies.

NATIONAL DEFENSE STUDENT LOANS

Under the National Defense Education Act of 1958, Congress authorized substantial funds for the establishment of low interest, long-term loans in institutions of higher learning.

An undergraduate student may borrow up to \$1000 a year for a period of five years, or a total of no more than \$5000. The repayment period and the interest do not begin until the ninth month after the student graduates or ceases to be at least a half-time (eight credit hours) student.

If a borrower becomes a full-time teacher in an elementary or secondary school or in an institution of higher education, as much as half of the loan may be forgiven at the rate of 10 per cent for each year of teaching service. Borrowers who elect to teach in certain eligible schools located in areas of primarily low-income families may qualify for cancellation of their entire obligation at the rate of 15 per cent per year.

The colleges and universities approve and make the loans and are responsible for collections. Repayment may be deferred up to a total of three years while a borrower is serving in the Armed Forces, with the Peace Corps, or as a Volunteer in Service to America (VISTA). Repayment is deferred for as long as a borrower is enrolled at an institution of higher education and is carrying at least a half-time academic work load.

GUARANTEED STUDENT LOAN PROGRAM

This program is administered in Virginia by the State Education Assistance Authority. Under the program, full-time students who are

residents of the Commonwealth of Virginia may apply to participating banks and other lending institutions for an education loan. An undergraduate may borrow up to \$1500 per year.

Law Enforcement Education Program (LEEP) Grants and Loans

LEEP is a federal program intended to develop professional law enforcement officers through higher education. It provides educational opportunity through financial aid and is directed to students having the ability and desire to provide professional performance in the criminal justice system. The two types of aid provided to students enrolled in the College are: 1. A loan for full-time study toward a baccalaureate degree in areas (directly) related and required in law enforcement. Loans are available to students, pre-service or in-service. Forgiveness of loan indebtedness for full-time law enforcement service is as follows: The total amount of any loan, plus interest, shall be cancelled at the rate of 25 percent of the total amount of such loans plus interest for each complete year of service or its equivalent. 2. Grants for part-time study of degree creditable courses related and useful in law enforcement. Grants are limited to law enforcement officers. This includes not only police but also corrections, probation, parole, and courts officers. An eligible officer may also qualify for a loan if he is both a full-time student and a full-time employee.

Student Employment

The College will assist students in obtaining part-time employment both on- and off-campus, and where possible, full-time summer and holiday employment. Interested students should contact the Placement Office.

COLLEGE WORK-STUDY PROGRAM (ON-CAMPUS)

The College, in cooperation with the Federal government, offers on-campus employment for students, especially those from low-income families who need a job to help pay for college expenses. Eligible students may work up to fifteen hours a week while attending classes full time. The work-study assignments are renewable each year contingent upon need and good academic standing.

COLLEGE WORK-STUDY PROGRAM (OFF-CAMPUS)

Under the *Virginia Plan* which was established in the spring of 1971, participating colleges will be able to place eligible students in

full-time off-campus jobs for a ten-week period in the summer. Such students must be planning to enroll in Christopher Newport College for the fall semester immediately after their summer employment.

Beginning with the 1972-73 Session, students will be placed in part-time jobs (up to fifteen hours a week) off-campus during the fall and spring semesters through the *Virginia Plan*.

Benefits for Veterans and War Orphans

The College is approved to offer educational programs to veterans and servicemen, and to war orphans (children of veterans who are permanently and totally disabled from service-connected causes or who died while so disabled).

It is urged that application for benefits be made to the nearest Regional Office of the Veterans Administration well in advance of the desired admission date. At the time he initially enrolls, the veteran or war orphan must present a Certificate of Eligibility, VA Form 21E-1993, to the office of the Dean of Admissions.

The veteran or war orphan should have money available to cover the cost of his tuition and books for each semester, since his first subsistence check will very likely not arrive until at least six weeks after he registers (or turns in his Form 21E-1993 to the College, whichever is later).



Academic Policies

College Regulations

The academic policies stated hereafter apply to all students who register at Christopher Newport College. Students attending only classes held in the evening hours should consult the supplementary bulletin on continuing studies for exact deadlines.

Program Planning

Prior to registration for classes, the counseling office administers several placement tests to freshmen and new transfers. Each new student then meets with counseling personnel to discuss the results of these tests and to plan a program for the coming semester.

Each student is assigned to a faculty adviser who is available for academic counseling. The student may arrange for individual conferences with the faculty adviser or any counseling personnel.

Currently enrolled students are expected to plan their programs for the following semester with their faculty advisers in the spring or late fall.

Student Load

Full-Time Students

The normal full-time student load constitutes a minimum of 12 credits and a maximum of 17 credits. Fifteen credits are considered a normal full-time load, and students are expected to carry this normal load if possible.

Overload

Any student may, with the consent of his adviser, carry 18 semester credits in the regular session or 15 semester credits in the summer session.

Any student desiring to carry more than 18 semester credits in the regular session, or 15 semester credits in the summer session must petition the Committee on Academic Status before the registration period. This petition must be submitted in writing to the Registrar. Only to the exceptionally able student will the Committee grant permission to carry such an overload.

Part-Time Students

A student is classified as "part-time" if during any semester he is registered for 11 credits or less.

Any student may elect to be a part-time student if his circumstances demand it. In addition, the College may either require or counsel him to carry a part-time load for academic or other reasons.

Pre-Registration

The College has established a procedure for pre-registration for both fall and spring semesters and summer session. This procedure is published prior to each semester in time for students to take advantage of the service.

Students pre-registering for day classes in the fall semester must pay the \$25.00 by June 1, so that class spaces may be reserved. Students pre-registering for day classes in the spring semester must complete all financial arrangements with the College during the published period of registration (See the *College Calendar* for the exact dates). No class spaces can be reserved for late registrants.

Students enrolling in evening classes only are given an opportunity to register either by mail or in person approximately thirty days prior to the published period of registration. No deposit is required of students who attend only evening classes. Tuition and fees must be paid at the time the student registers.

Registration for Day Classes

Each student, Classified or Unclassified, who wishes to enroll in a day class is expected to be present on the designated days for counseling and registration (see *College Calendar* for the exact date). Students may register at another time only with the permission of the Registrar. Please note that all financial arrangements must be completed before the registration is valid.

Registration for Evening and Saturday Classes

A bulletin which is published each semester by the Office of Continuing Studies will provide the dates and procedures for registration. Pre-registration procedures for evening and Saturday classes are set up for the convenience of the student. In addition, one evening date is set aside for registration and late registration is allowed up to the last day of the add/drop period (see *College Calendar* for the exact date).

Registration for both Day and Evening Classes

Sometimes, because of schedule conflicts, a student needs to enroll in both day and evening classes. He must follow the procedure set up for registration in day classes, and he will be allowed to enroll in both day and evening classes on a space available basis.

Changes in Registration

Once a student has registered for a program of courses, whether in day or evening classes, any necessary course changes must be made through application to the Registrar. The change is recorded on the student's registration card, and the instructor or instructors involved are notified. Unless a course change is made in this manner, it has no official standing and will not be recognized as valid by the College.

Changes During the Add/Drop Period

Registration is normally open for approximately five to seven days at the beginning of each semester, during which time a student may add or drop courses, or make schedule changes. No schedule changes may be made after this period (see *College Calendar* for exact date). Courses dropped during the add/drop period do not become a part of the student's permanent record.

Changes During the Drop Period

No courses may be added after the add/drop period. Courses may be dropped for justifiable circumstances upon application to the Registrar.

For a period of approximately six weeks (see *College Calendar* for the exact date), a student may drop a course without grade penalty. The notation "Dropped" will be made on the permanent record card.

After the drop date, a student may drop a course under one of the following circumstances:

- 1) If he is failing the course, he may drop it with a grade of *F*.
- 2) If he is passing the course, he may drop it without a grade penalty provided he has the permission of his adviser and instructor.

No student may drop a course after the last day of classes before the examination period. (See *College Calendar* for the exact date)

Auditors

A student may register for a course on an audit basis with the approval of his adviser if class size permits. An auditing fee of \$20.00 is charged for each semester credit hour.

A student registered on an audit basis is not subject to attendance regulations and is not required to take tests or the final examination. He may, with the instructor's permission, do any of the required work he wishes. A student enrolled for audit is not given a grade and his record is marked "Audit."

A change from "Audit" to "Credit" may be made during the add/drop period only. The necessary financial arrangements must be made before the change is effective.

A student may change from "Credit" to "Audit" up to the drop date (see *College Calendar* for the exact date). After the drop date, he may change to audit in a course only if he is passing that course. Permission of both the adviser and instructor is required for such a change, and the application must be made through the Registrar.

Absences from Classes and from College

An educational system centered upon classroom instruction justifies a set of regulations and procedures to aid in assuring satisfactory class attendance. These attendance regulations are designed by the faculty to limit the number of unnecessary class absences, since irregular class attendance jeopardizes the student's progress and detracts both from instruction and from learning.

Class Attendance

1. Students are expected to be present at all of their regularly scheduled classroom appointments. The College has no system of recognized cuts.

2. Each instructor is responsible for attendance records and for all matters related to attendance. A student who is dropped from a course upon recommendation of the instructor because of excessive absences will receive a grade of *F*. If excessive absences are caused by an extreme emergency, a student may appeal to the chairman of the appropriate department, the Dean of Academic Affairs or to the Committee on Academic Status for consideration.

3. If a student must miss a class meeting, it is his responsibility to cover the material missed. Instructors may differentiate between excused and unexcused absences and authorize make-up tests when appropriate.

4. Classified seniors have unlimited cuts in three-hundred and four-hundred level classes.

5. Attendance regulations do not apply to any student on the Dean's List, unless otherwise stated by the instructor.

6. Attendance regulations do not apply to any student who is enrolled in a course as an auditor.

Withdrawal from College

The term "withdrawal" as defined by the College means that a student ceases attendance in all classes and is no longer considered enrolled in the College.

Any student who desires to withdraw from the College should do so through application to the Registrar. The withdrawal is recorded on the student's permanent record card, and the instructors involved are notified. Unless a withdrawal is made in this manner, it has no official standing and will not be recognized as valid by the College.

No student may withdraw after the last day of classes before the examination period.

Unofficial Withdrawal

Any student who withdraws from the College without notifying the Registrar will receive a grade of *F* in each of his courses. The notation "Grade of *F* assigned because of unofficial withdrawal" will be made on the permanent record card.

Official Withdrawal

If a student withdraws from the College prior to one week following mid-semester (see *College Calendar* for exact date), the grade notation *W* will be entered for each of his courses.

If a student withdraws after the set deadline, the grade notation *WP* will be entered for each course in which the student was receiving a passing grade at the time of withdrawal, and a *WF* for each course in which the student was receiving a failing grade at the time of withdrawal.

Readmission after Withdrawal

A student who withdraws may seek readmission for any semester, provided he is in good standing, by writing to the Dean of Admissions for an application for readmission.

A student who withdraws with *WF* in half or more of his courses will be considered in the same way as a suspended student and must formally request reinstatement in good standing by the Committee on Academic Status after at least one semester has elapsed.

Examinations

The examinations, given at the end of each semester, take place at times announced on the examination schedule, which is published at least two weeks in advance of the first scheduled examination.

Students are required to take all of their examinations at the times

scheduled, unless excused by the Registrar (see section *Absences from Examinations*).

The College does not authorize re-examination.

Examination Schedule

The examination schedule is arranged and posted at least two weeks before the beginning of the examination period. No changes will be permitted an individual student, unless conflicts occur, or unless the student has examinations scheduled in four consecutive periods. Applications for changes in the schedule should be made to the Registrar prior to the last day of classes before the examination period begins.

Absences from Examinations

A student may be excused from taking an examination at the time required by presenting his reason for an expected absence to the Registrar in advance of the examination. No excuse on the grounds of illness will be accepted unless it is approved by a physician. The Registrar should be notified as soon as possible if illness or another emergency situation causes a student to be absent from an examination.

Deferred Examinations

A deferred examination is provided for a student who has been excused from taking an examination at the regular time. He should arrange with his instructor to make up the examination as soon as possible. Except under very exceptional circumstances, the student is not permitted to postpone the taking of a deferred examination beyond the first occasion provided.

In no case will permission to take a deferred examination be extended beyond a year from the time of the original examination from which the student was absent.

System of Grading

Grades are assigned according to the letter system, including grade point values as follows:

Grade Symbol and Meaning	Grade Point Value per Semester Credit Hours
A—Superior	4
B—Good	3
C—Average	2
D—Passing	1

F—Failing	0
P—Passing	0
I—Incomplete	0
X—Absent from final examination	0
NG—No grade reported	—
WF—Withdrew Failing	—
WP—Withdrew Passing	—
W—Withdrew (no grade penalty)	—
DR—Course dropped (no grade penalty)	—
S—Continuing Education Unit courses only; course satisfactorily completed.	
T—Continuing Education Unit courses only; course not completed; No CEU awarded.	

Pass-Fail

Seniors may take one elective course each semester, for a maximum of two courses, on a pass-fail basis. A passing grade will count toward graduation but will not be used in determining the student's grade point average.

Grade Point Average

The grade point average is computed by dividing the total number of academic hours carried into the total number of grade points earned.

Grades of *WF* are included in the courses carried by a student during a semester, whereas grades of *W* and *WP* are not included in the hours carried in a given semester.

Incomplete

I indicates that the student has postponed, with the consent of the instructor, the completion of certain required work other than the final examination. *I* automatically becomes *F* at the end of the next semester if the postponed work has not been completed.

Absent from Final Examination

X indicates that the student was absent from the final semester examination because of illness or another emergency situation, but had attended classes up to the examination period. *X* automatically becomes *F* at the end of the next semester unless a deferred examination is permitted by the Committee on Academic Status. (See section on *Examinations* for further information.)

Grades for Repeated Courses

A course in which a grade of *D* or higher has been made may be retaken only in *special cases* as approved by the Dean of Academic Affairs. The form for requesting permission to repeat a course is available in the Office of the Registrar. A course in which a grade of *F* has been made may be retaken with the permission of the adviser. In each instance, the original grades, grade points, and credits, if earned, will stand as recorded on the permanent record, but the new grade and grade points also will be entered. The higher grade with its credits and grade points will be counted toward the degree. Credits earned for the course may be counted only once toward the degree.

The cumulative grade point average will be determined in cases of a retaken course by including hours carried and grade points earned on both the original and repeated enrollments in the course.

Credits and grade points for courses retaken prior to June, 1969 will be adjusted to meet the above stipulations.

Classification of Students

Students, both full-time and part-time, are classified as follows:

Freshman	From 1 to 23 credits
Sophomore	A minimum of 24 credits and 48 grade points
Junior	A minimum of 54 credits and 108 grade points
Senior	A minimum of 85 credits and 170 grade points

Unclassified Students

A student who is not a declared candidate for a degree at Christopher Newport College is considered an unclassified student.

Declaration of Major

A student should declare a major field not later than the end of his sophomore year or the completion of fifty-four credits. A declaration of major must be filed with the Registrar.

Each department reserves the right of approval of the application for major field from a student.

Changes in the choice of major may not be made after registration for the first semester of the senior year unless approved by the Committee on Degrees.

Double majors are not authorized by the College.

Dean's List

A student who in any semester earns forty-eight grade points with no grade below C, in academic subjects, and who makes a grade point average of at least 3.0 is placed on the Dean's List for the following semester.

Grade Reports

A grade report is sent at the end of the semester to each student as well as (when applicable) to his parents or guardian. In addition, a midsemester grade report is sent to every freshman indicating his progress in each course at that point. A midsemester grade report is not sent to an unclassified student. Midsemester grades are not recorded on the student's permanent record.

Transcripts

Transcripts are issued only upon the written request of the student, or his authorized agent, and should be requested at least one week prior to the date needed.

The College will issue one free transcript for each student. There is a charge of \$1.00 for each additional transcript. No transcript is sent until the fee due has been paid.

A transcript given directly to a student does not carry the College seal and is not official. The seal is attached when the transcript is sent directly from the College to another college or authorized agency.

The College reserves the right to send to schools of origin academic records of students and other information for the purpose of study.

Continuance in College

Continuance in college implies a dual responsibility on the part of the institution and its students. Through its instructional program supplemented by counseling and faculty advising, the College attempts to give students every encouragement to maintain a satisfactory level of achievement. Reasonable academic progress by the student is expected. Unless the student demonstrates the incentive and ability to meet the minimum scholastic requirements, the College cannot justify his remaining in school.

Minimum Standards for Continuance in College

The requirements stated below represent the minimum quality of performance for continuance at Christopher Newport College. Evaluation of academic progress is made at the end of each semester. Evaluation of an academic record is generally not made until a student

has completed twelve credit hours, which constitutes a minimum full-time load. Fifteen credit hours is regarded as a standard full-time load.

The student who is admitted as an unclassified student (not seeking a degree at Christopher Newport) will have his academic record evaluated at intervals of twelve semester hours. This evaluation is done in the best interests of the student and takes into account his stated goals.

The student earning less than the minimum standard as stated below will be considered by the Committee on Academic Status for either probation or suspension. The student is always notified by letter of any action taken by the Committee.

1. The student who has attempted at least 12 to 15 credit hours should have passed 50% of the hours attempted and earned 9 grade points on the four-point scale.
2. The student who has attempted a minimum of 24 to 30 credit hours should have passed 66% of the hours attempted and should maintain a 1.00 average.
3. The student who has attempted a minimum of 48 to 60 credit hours should have passed 75% of the hours attempted and should maintain a 1.50 average.
4. The student who has attempted a minimum of 72 to 90 credit hours should have passed 85% of the hours attempted and should maintain a 1.75 average.
5. The student who has attained senior status will have his record reviewed by the Committee on an individual basis, taking into consideration the average maintained in his major field.
6. The student whose hours attempted fall outside the range listed above will have his academic record evaluated on the basis of whether or not the average earned indicates normal progress toward the next nearest required average. For example, a student who has attempted 18 or 19 credit hours should have an average which approaches a 1.00. The Committee will use as a guide a mathematical progression table.
7. Transfer students will be expected to meet the minimum requirements for the total credit hours attempted at Christopher Newport College and the total number of credit hours accepted by the College as transferrable from the previous college or colleges.
8. The student who withdraws with *WF* in half or more of his courses will be considered in the same way as a suspended student. The notation "May not enroll without permission of the Committee on Academic Status" will be placed on his permanent record card.

9. When a student is not profiting by his stay at college, or whenever his influence is considered detrimental to the best interests of the College, such a student may be required to withdraw.

Probation

Students approaching the minimum standards for continuance in college will be considered by the Committee on Academic Status for probation.

The student placed on probation may register for classes. Such a student is advised to take advantage of counseling and tutoring services if either seems appropriate. A notation "Academic Probation" will be placed on the permanent record card.

When the student has improved his average to the extent that he meets the minimum requirements for the hours he has carried, probation may be removed, and a statement to this effect placed on the permanent record card.

The Committee seldom allows a student to remain on probation for more than two consecutive semesters. Academic records for all probationary students are evaluated on an individual basis.

Suspension

The student who is suspended may not register for credit in any classes at Christopher Newport College, except by the advice and consent of the Committee on Academic Status. The notation "Required to withdraw for academic deficiencies" is placed on the permanent record card.

In the event that a student suspended from Christopher Newport College is permitted to take courses in another college, he should be aware that credit hours earned while he is not in good standing will *not* be acceptable as transfer credit at Christopher Newport College.

Reinstatement Procedures after Suspension

Any suspended student who wishes to reenter the College after at least one semester (excluding summer session) has elapsed must apply to the Committee on Academic Status to be reinstated in good standing.

Most colleges will not consider for admission a student who is not in good standing at his former college; therefore, reinstatement at Christopher Newport College should be sought before application is made to another college.

Students who have been asked to withdraw twice may apply for reinstatement. However, it must be pointed out that the Committee often does not approve the reinstatement of such a student.

In order to apply for reinstatement, the student should contact the Office of the Registrar for information. The deadlines for receipt of reinstatement requests are as follows:

For readmission to summer session.....	May 1
For readmission to fall semester.....	May 1 or August 1
For readmission to spring semester	December 1

Appeals to the Committee on Academic Status

Any student has the right to appeal for reconsideration of a decision made by the Committee. Such an appeal should be made in writing, indicating any circumstances which may affect the decision. The Committee seldom finds it necessary to have a personal interview with the student.

Appeals may be addressed to the Registrar, who serves as secretary of the Committee on Academic Status.



Requirements for Degrees

Christopher Newport College is authorized to confer six degrees: the Bachelor of Arts (B.A.) degree, the Bachelor of Science (B.S.) degree, the Bachelor of Science in Business Administration (B.S.B.A.) degree, the Bachelor of Science in Governmental Administration (B.S.G.A.) degree, the Bachelor of Science in Management Information Science (B.S.M.I.S.) degree, and the Associate in Arts (A.A.) degree.

The College offers the B.A. degree in English, French, History, Mathematics, Political Science, Psychology, Sociology, Spanish, and Philosophy (in conjunction with the College of William and Mary). The B.S. degree is offered in Biology and Psychology. In addition, the College offers the professional B.S. in Business Administration and Governmental Administration (with specialties in Urban Management, Urban Planning, Law Enforcement, and Corrections), and the interdisciplinary B.S. in Management Information Science.

In the case of a department's offering more than one degree, the student is referred to the specific statement of the department's requirements at the head of the course listing.

Bachelor Degrees

A student may choose to fulfill the general education requirements set forth in the catalogue at the date of his entrance to the College or the catalogue in effect at the time he graduates. He must fulfill the concentration requirements in effect when the choice of concentration is declared. A student who, for various reasons, leaves the College for a period of one full academic year or more after he has declared his major can be required to meet the concentration requirements in effect at the time he reenters.

General Requirements for Graduation

Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Business Administration and Bachelor of Science in Governmental Administration

One hundred and twenty-two semester credits are required for graduation. Of these one hundred and twenty-two semester credits,

one hundred and twenty must be in academic subjects and two in required physical education. A minimum of two hundred and forty-four grade points is required.

Each student is expected to plan a curriculum including distribution, concentration, and elective offerings. Although the College offers every assistance to the student as he plans his program, it is the ultimate responsibility of the student to make certain that his program of studies properly reflects the requirements for the degree as set forth in the catalogue.

Certain other general requirements as follows must be fulfilled for graduation.

1. The student must make a minimum grade point average of 2.0 in his field of concentration with no more than two grades of D. (Effective June, 1969, the College adopted a four-point grading scale; consult System of Grading for exact scale.)
2. At least thirty of the last thirty-six hours, including at least the last twelve hours of the major field, must be taken in residence.
3. Of the 122 credits required for graduation:
 - a. The student may present only 42 total hours in his major field. He may elect not to include the introductory courses in his major (refer to individual departmental listings for further information). In order to exclude the introductory courses, the student must declare his intention to do so to the Registrar prior to the completion of ninety semester credits.
 - b. The student may present no more than 18 total hours of upper level work in any field other than his major, not including courses in Professional Education.
 - c. The student may present a maximum of four credits in physical education activities courses toward the degree.

Concentration or Major

Each student at or before the end of his sophomore year (or fourth semester) should choose a major field in consultation with an adviser from the field in which he is interested. A declaration of major must be filed with the Registrar.

The student's program in relation to the requirements of that major and his personal interests will then be worked out with his adviser, who will see that his course of study is as well-balanced as possible and relates to his career objectives.

The student should refer to the appropriate departmental listing under *Courses of Instruction* for specific concentration requirements.

He must make a minimum grade point average of 2.0 in his field of concentration with no more than two grades of D.

Changes in the choice of major may not be made after registration for the first semester of the senior year unless approved by the Committee on Degrees.

Electives

A student may choose for the remainder of his 122 credit hours any academic courses which are allied to his major or of special interest to him, provided he has the necessary prerequisites.

Students are reminded that no more than 18 semester hours of upper level work in any field other than the major may be applied toward the degree. This does not apply to courses in Professional Education.

Courses Taken Elsewhere

Any student who transfers from another accredited institution will have his credits evaluated by the Dean of Academic Affairs and a written statement of acceptable credits will be sent to the student. Transfer credits, up to a maximum of 90 hours, will be given for courses which carry a grade of C or better and are comparable to courses offered by colleges similar in aims and purposes to Christopher Newport College. (Exception: No more than sixty-six credits may be in courses in a junior or public community college.)

A student may not count any hours from one bachelor's degree toward a second bachelor's degree.

A student may transfer a maximum of 21 semester credits in courses representing the application of the arts and sciences, including the playing of an instrument, ceramics, arts and crafts, and the like.

No more than thirty semester credits may be applied toward the degree for work completed in extension, special institute or correspondence courses, or through the College Entrance Examination Board Advanced Placement Program and College-Level Examination Program. Students already at Christopher Newport College desiring to take such work elsewhere, or to take summer school work at another institution, to apply to degree credit, must first get written permission from the Dean of Academic Affairs.

Distribution Requirements

Bachelor of Arts and Bachelor of Science Degrees

Distribution requirements should be completed within the first two years or first sixty hours unless the student is officially excused by the

Dean of Academic Affairs. The range of courses which a student may take to satisfy the distribution requirements is listed below:

English 101-102, unless exempted by the English Department, on the basis of tests, previous record, and other criteria. 6 credits

Foreign Language

0-14 credits

It is expected that the student should have or attain competence in a foreign language as indicated by satisfactory completion of the 202 course of any language, or its equivalent. Students desiring to take a modern language to fulfill this requirement should refer to the section *Modern Languages* for information on placement. Students desiring to take Latin to fulfill this requirement should refer to the section *Classical Studies* for information on placement.

Humanities Division

6 credits

The student may choose any one of the following sequences—English 201-202, English 205-206, English 207-208, Fine Arts 201-202, Music 201-202, Philosophy 201-202, or any 6-hour combination of French 251, 252, German 251, 252, Latin 251, 252, or Spanish 251, 252.

Mathematics or Philosophy 101-102

4-6 credits

A student may choose one of the following sequences: Philosophy 101-102 or

Any two of the following four courses in Mathematics: 110, 120, 130 and 220, or the student may choose Mathematics 230 only. A maximum of nine semester credits of 100-level mathematics courses may be applied toward any degree. Lastly, at the discretion of the Mathematics and Philosophy Departments, the requirement may be satisfied for a student placing beyond Mathematics 230. (Note: Any student who began the sequence Philosophy 201-202 prior to June, 1969 may elect to count this course as fulfillment for the Mathematics/Philosophy requirement instead of the Humanities requirement.)

Natural Sciences Division

8 credits

A student may choose one of any of the following sequences: Biology 101-102, Chemistry 101-102,

Chemistry 113-114, Physics 101-102 or 103-104, or any natural science course for non-science majors. In order to complete his science requirement, a student may transfer eight or ten hours of freshman geology or astronomy, or other laboratory science course that considers one area of science through the full academic year. A two-semester laboratory course in a second field will be required for a B.S. degree (see specific listings under the department in question).

Social Sciences Division

Students may choose two of any of the following sequences: Economics 201-202, History 101-102, History 201-202, Sociology 200 and any other 200-level sociology course, Psychology 201-202 or 201-203, or any two semester sequence of Political Science selected in consultation with the student's adviser.

12 credits

Physical Education

The physical education requirement must be met within the first sixty hours unless an exemption or a postponement has been granted by the Committee on Degrees. (Note: Effective with the 1970-71 college catalogue, the former requirement of four semesters of physical education was reduced to two semesters, each semester course earning one credit and quality points. Students who entered Christopher Newport College prior to September, 1970, will be required to present only two semesters of required physical education for completion of the degree. Students enrolled prior to June 1967 are not required to meet this distribution requirement, thus reducing the number of hours required for the degree to 120 semester credits).

2 credits

Effective September 1972, a student may waive one of the basic distribution requirements, with the exception of English 101-102. This exemption in no way affects prerequisites for courses, nor does it affect departmental requirements. The waiver does not alter the total number of credits required for the degree.

Any student exempted from a distribution requirement by the Degree Committee forfeits the above option.

Special exceptions, other than the waiver, from any of the basic

distribution requirements as outlined above may be requested in writing to the Committee on Degrees.

Bachelor of Science Degree in Business Administration

Distribution requirements should be completed within the first two years or first sixty hours unless the student is officially excused by the Dean of Academic Affairs. The range of courses which a student may take to satisfy the distribution requirements is listed below:

English 12 credits

Each student must complete English 101-102. For the remaining six credits, he may select any six-credit sequence of sophomore English or a combination of three credits of sophomore English and Speech 101.

Mathematics 107, 108, and 220 (or Psychology 231) 9 credits

At the discretion of the department chairman, a student may substitute an equivalent course for Mathematics 107.

Computer Management 220 3 credits

Natural Sciences Division 8 credits

Students may choose any one of any of the following sequences: Biology 101-102, Chemistry 101-102, Chemistry 113-114, Physics 101-102 or 103-104 or any science course for non-science majors. Freshman geology, astronomy, or other laboratory science course that considers one area of science through the full academic year may be accepted as transfer credit.

Social Sciences Division 12 credits

A student must choose one of the following 6 hour sequences: History 101-102, History 201-202, Sociology 200 and any other 200-level sociology course, Psychology 201-202 or 201-203, or any two-semester sequence of Political Science selected in consultation with the student's adviser. In addition he must then select 6 more hours in Social Science in accordance with his interest.

Physical Education 2 credits

The physical education requirement must be met within the first sixty hours unless an exemption or a postponement has been granted by the Committee on Degrees. (Note: Effective with the 1970-71 col-

lege catalogue, the former requirement of four semesters of physical education was reduced to two semesters, each semester course earning one credit and quality points. Students who entered Christopher Newport College prior to September, 1970, will be required to present only two semesters of required physical education for completion of the degree. Students enrolled prior to June 1967 are not required to meet this distribution requirement, thus reducing the number of hours required for the degree to 120 semester credits).

Business majors may not waive any distribution requirement. Special exceptions from any of the basic distribution requirements as outlined above may be requested in writing to the Committee on Degrees.

Bachelor of Science in Governmental Administration

Distribution requirements should be completed within the first two years or first sixty hours unless the student is officially excused by the Dean of Academic Affairs. The range of courses which a student may take to satisfy the distribution requirements is listed below:

English 101-102 6 credits

Humanities 6 credits

The student may select any one of the following sequences: English 201-202, 205-206, 207-208, Fine Arts 201-202, Music 201-202, Philosophy 201-202, or any six-hour combination of French 251, 252, German 251, 252, Latin 251, 252, Spanish 251, 252.

Mathematics or Philosophy 101-102 4-6 credits

A student may choose one of the following sequences: Philosophy 101-102 or

Any two of the following four courses in Mathematics: 110, 120, 130 and 220, or the student may choose Mathematics 230 only. A maximum of nine semester credits of 100-level mathematics courses may be applied toward any degree. Lastly, at the discretion of the Mathematics and Philosophy Departments, the requirement may be satisfied for a

student placing beyond Mathematics 230. (Note: Any student who began the sequence Philosophy 201-202 prior to June, 1969 may elect to count this course as fulfillment for the Mathematics/Philosophy requirement instead of the Humanities requirement.)

Computer Studies 220 3 credits

Natural Sciences Division 8 credits

A student may choose one of any of the following sequences: Biology 101-102, Chemistry 101-102, Chemistry 113-114, Physics 101-102, or 103-104, or any natural science course for non-science majors. In order to complete his science requirement, a student may transfer eight or ten hours of freshman geology or astronomy, or other laboratory science course that considers one area of science through the full academic year.

Social Sciences Division 12 credits

The student may choose any 12 hours of social science in consultation with his adviser.

Physical Education 2 credits

The physical education requirement must be met within the first sixty hours unless an exemption or postponement has been granted by the Committee on Degrees. (Note: Effective with the 1970-71 college catalogue, the former requirement of four semesters of physical education was reduced to two semesters, each semester course earning one credit and quality points. Students who entered Christopher Newport College prior to September, 1970, will be required to present only two semesters of required physical education for completion of the degree. Students enrolled prior to June 1967 are not required to meet this distribution requirement, thus reducing the number of hours required for the degree to 120 semester credits).

Governmental Administration majors may not waive any distribution requirement. Special exceptions from any of the basic distribution requirements as outlined above may be requested in writing to the Committee on Degrees.

Core Curriculum Requirements

The student must choose from the following lists core curriculum courses in accordance with his interest and intended specialty. Courses selected for core curriculum requirements may not be applied toward the requirements for a specialty.

Urban Analysis (select a minimum of three courses): Biology 306, Economics 351, Geography 351, History 434, Political Science 451 and/or 461, Sociology 431.

Quantitative Analysis (select one in Computer Studies and one in statistics): Computer Studies 350, 360, 430, or 440; Mathematics 220, Psychology 231, or Sociology 391.

Values, Organization and Human Behavior (select a minimum of three courses): Humanities 351, Philosophy 305, Political Science 221, 358, 359, or 363, Psychology 313.

Professional Specialties

The student must select one of the following specialties:

Urban Management (select a minimum of six courses):

Business: 351

Economics: 302

Political Science: 361, 363, 371, 381, 391, 401, 491, 496

Urban Development Planning (select a minimum of six courses, including those with an asterisk):

Political Science: 331*, 334*, 337*, 371, 391, 440*, 445, 461, 468, 491, 496

Law Enforcement (the student electing this specialty who has not completed an associate's degree in police science, or its equivalent, will be required to complete eight of the following police science courses offered in the community college system):

Introduction to Law Enforcement

Special Enforcement Problems

Prevention and Control of Juvenile Delinquency

Criminal Law I, II

Legal Evidence

Criminology

Traffic Administration and Control

Administration of Justice

Principles of Criminal Investigation
Industrial and Commercial Security
Advanced Criminal Investigation

(Note: Students enrolled in Christopher Newport College who wish to take these courses in the community college should follow the procedure for taking courses elsewhere.)

Besides the basic requirement as outlined above, a student in this specialty must take any four of the following courses offered at Christopher Newport College:

Political Science: 342, 346, 406, 468, 491, 496

Corrections (the student electing this specialty who has not had significant prior experience in police work will be required to complete three of the following police science courses offered in the community college system):

Police Organization and Administration I

Criminal Law I, II

Criminology

Administration of Justice

Prevention and Control of Juvenile Delinquency

In addition, the student electing this specialty is required to complete the following two courses which are offered in the community college:

Institutional Treatment of the Offender

Community Supervision and Treatment of the Offender

(Note: Students enrolled in Christopher Newport College who wish to take these courses in the community college should follow the procedure for taking a course elsewhere.)

Besides the basic requirements as outlined above, a student in this specialty must complete six of the following courses, with a minimum of two courses in psychology and two courses in sociology:

Political Science: 491 (required of pre-service students)

Psychology: 304, 305, 307, 308, 309, 313, 403, 405

Sociology: 220, 225, 319, 321, 367, 426

Bachelor of Science Degree in Management Information Science

Management Information Science is an undergraduate professional program leading to an interdisciplinary degree. The curriculum con-

sists of courses chosen from the fields of business, computer studies, economics, mathematics, and psychology.

General Requirements for Graduation

One hundred and twenty-two semester credits are required for graduation. Of these one hundred and twenty-two semester credits, one hundred and twenty must be in academic subjects and two in required physical education. A minimum of two hundred and forty-four grade points is required.

Each student is expected to plan a curriculum including distribution, concentration, and elective offerings. Although the College offers every assistance to the student as he plans his program, it is the ultimate responsibility of the student to make certain that his program of studies properly reflects the requirements for the degree as set forth in the catalogue.

Certain other general requirements as listed below must be fulfilled for graduation.

1. The student must make a minimum grade point average of 2.0 in the fifty-five hours constituting the core curriculum with no more than three grades of D.
2. At least thirty of the last thirty-six hours, including at least the last fifteen hours of the core curriculum, must be taken in residence.
3. Of the 122 credits required for graduation, the student may present no more than 18 total hours of upper level work in any field other than those included in the core curriculum. A maximum of four credits in physical education activities courses may be presented toward the degree.

Courses Taken Elsewhere

Any student who transfers from another accredited institution will have his credits evaluated by the Dean of Academic Affairs and a written statement of acceptable credits will be sent to the student. Transfer credits, up to a maximum of 90 hours, will be given for courses which carry a grade of C or better and are comparable to courses offered by colleges similar in aims and purposes to Christopher Newport College. (Exception: No more than sixty-six credits may be in courses in a junior or public community college.)

A student may not count any hours from one bachelor's degree toward a second bachelor's degree.

A student may transfer a maximum of 21 semester credits in courses representing the application of the arts and sciences, including the playing of an instrument, ceramics, arts and crafts, and the like.

No more than thirty semester credits may be applied toward the degree for work completed in extension, special institute or correspondence courses, or through the College Entrance Examination Board Advanced Placement Program and College-Level Examination Program. Students already at Christopher Newport College desiring to take such work elsewhere, or to take summer school work at another institution, to apply to degree credit, must first get written permission from the Dean of Academic Affairs.

Distribution Requirements

Distribution requirements should be completed within the first two years or first sixty hours unless the student is officially excused by the Dean of Academic Affairs. The range of courses which a student may make to satisfy the distribution requirements is listed below:

Humanities	12 credits
Each student must complete English 101-102. For the remaining requirement, he may select any six or eight credit humanities sequence or a combination of three credits of sophomore English or other humanities course and Speech 101.	
Mathematics 130	3 credits
In the event of advanced placement, the student may offer Mathematics 230 to satisfy this requirement.	
Natural Sciences Division	8 credits
Students may choose any one of any of the following sequences: Biology 101-102, Chemistry 101-102, Chemistry 113-114, Physics 101-102 or 103-104 or any science course for non-science majors. Freshman geology, astronomy, or other laboratory science course that considers one area of science through the full academic year may be accepted as transfer credit.	
Social Sciences	12 credits
The student must choose one of the following 6 credit sequences: Economics 201-202, History 101-102, History 201-202, Psychology 201-202 or 201-203, or any two-semester sequence of Political Science or Sociology selected in consultation with his	

adviser. In addition he must then select 6 more credits in social science in accordance with his interest.

Physical Education

2 credits

The physical education requirement must be met within the first sixty hours unless an exemption or postponement has been granted by the Committee on Degrees. (Note: Effective with the 1970-71 college catalogue, the former requirement of four semesters of physical education was reduced to two semesters, each semester course earning one credit and quality points. Students who entered Christopher Newport College prior to September, 1970, will be required to present only two semesters of required physical education for completion of the degree. Students enrolled prior to June 1967 are not required to meet this distribution requirement, thus reducing the number of hours required for the degree to 120 semester credits).

Effective September 1972, a student may waive one of the basic distribution requirements, with the exception of English 101-102. This exemption in no way affects prerequisites for courses, nor does it affect departmental requirements. The waiver does not alter the total number of credits required for the degree.

Any student exempted from a distribution requirement by the Degree Committee forfeits the above option.

Special exceptions, other than the waiver, from any of the basic distribution requirements as outlined above may be requested in writing to the Committee on Degrees.

Core Curriculum Requirements

The core curriculum requirements consist of fifty-five hours in the fields of business, computer studies, economics, mathematics, and psychology. The courses required are listed below:

1. Business: 201-202, 324, 331, 418
2. Computer Studies: 220, 240, 430, 440, and any two of the following: 330, 340, 350
3. Economics: 201-202
4. Mathematics: 220 (Same as Psychology 231), 230.
5. Psychology: 201, 303, 313

Electives

Recommended electives for the remainder of the 122 credit hours include the following:

1. Business 303-304, 311, 412
2. Computer Studies: 250, 360, 431
3. Economics: 490
4. Mathematics: 240, 310, 320
5. Sociology: 432

Associate In Arts Degree

A student may choose to fulfill the general degree requirements set forth in the catalogue which is in effect at the date of his entrance to the College or the catalogue in effect at the time he graduates.

General Requirements for Graduation

A minimum of sixty-two semester credits is required for this degree. Of these sixty-two semester credits, sixty must be in academic subjects and two in required physical education. A minimum of one hundred and twenty-four grade points is required.

Each student is expected to plan a curriculum including distribution and elective offerings. Although the College offers every assistance to the student as he plans his program, it is the ultimate responsibility of the student to make certain that his program of studies properly reflects the requirements for the degree as set forth in the catalogue.

The Associate in Arts degree will not be granted until the applicant has been in residence at least one college year and earned a minimum of 30 semester credits at the College. This period must include the last year of the work required for the degree.

Courses Taken Elsewhere

Any student who transfers from another accredited institution will have his credits evaluated by the Dean of Academic Affairs and a written statement of acceptable credits will be sent to the student. Transfer credits, up to a maximum of 30 hours, will be given for courses which carry a grade of C or better and are comparable to courses offered by colleges similar in aims and purposes to Christopher Newport College.

A student may transfer a maximum of 21 semester credits in courses representing the application of the arts and sciences, including the playing of an instrument, ceramics, arts and crafts, and the like.

No more than thirty semester credits may be applied toward the degree for work completed in extension, special institute or correspondence courses, or through the College Entrance Examination Board Advanced Placement Program and College-Level Examination Program. Students already at Christopher Newport College desiring to take such work elsewhere, or to take summer school work at another institution, to apply to degree credit, must first get written permission from the Dean of Academic Affairs.

Distribution Requirements

To qualify for this degree, a student must complete a minimum of thirty-four semester credits according to the following plan:

English 101-102, unless exempted by the English Department, on the basis of tests, previous record, and other criteria. 6 credits

Humanities Division

6 credits

The student may choose one of any of the following sequences: English 201-202, English 205-206, English 207-208, Fine Arts 201-202, Music 201-202, Philosophy 201-202, or any 6-hour combination of French 251, 252, German 251, 252, Latin 251, 252, or Spanish 251, 252.

Mathematics or Philosophy 101-102

4-6 credits

A student may choose one of the following sequences: Philosophy 101-102 or

Any two of the following four courses in Mathematics: 110, 120, 130 and 220, or the student may choose Mathematics 230 only. A maximum of nine semester credits of 100-level mathematics courses may be applied toward any degree. Lastly, at the discretion of the Mathematics and Philosophy Departments, the requirement may be satisfied for a student placing beyond Mathematics 230. (Note: Any student who began the sequence Philosophy 201-202 prior to June, 1969 may elect to count this course as fulfillment for the Mathematics/Philosophy requirement instead of the Humanities requirement.)

Natural Science Division

8 credits

A student may choose one of any of the following sequences: Biology 101-102, Chemistry 101-102,

Chemistry 113-114, Physics 101-102 or 103-104, or any natural science course for non-science majors. In order to complete his science requirement, a student may transfer eight or ten hours of freshman geology or astronomy, or other laboratory science course that considers one area of science through the full academic year.

Social Sciences Division

6 credits

Students may choose one of any of the following sequences: Economics 201-202, History 101-102, History 201-202, Sociology 200 and any other 200-level sociology course, Psychology 201-202 or 201-203, or any two semester sequence of Political Science selected in consultation with the student's adviser.

Physical Education

2 credits

The physical education requirement must be met unless an exemption or postponement has been granted by the Committee on Degrees. (Note: Effective with the 1970-71 college catalogue, the former requirement of four semesters of physical education was reduced to two semesters, each semester course earning one credit and quality points. Students who entered Christopher Newport College prior to September, 1970, will be required to present only two semesters of required physical education for completion of the degree. Students enrolled prior to June 1967 are not required to meet this distribution requirement, thus reducing the number of hours required for the degree to 60 semester credits).

Special exceptions from any of the basic distribution requirements as outlined above may be requested in writing to the Committee on Degrees.

Electives

A student may choose for the remainder of his 62 credit hours any academic courses which are of special interest to him, provided he has the necessary prerequisites.

Cooperative Distribution Program

Associate in Arts Degree

This program is designed to prepare the student for middle-management, supervisory or specialized careers in retail, wholesale, or service businesses. A wide variety of positions are open in sales financing, transportation, advertising, fashion, display, personnel, public relations, management, buying and merchandising. The coordination of classroom instruction and directed occupational experiences in distributive businesses offer students an excellent opportunity to qualify for these and many other positions in business.

The student completes a planned program of study which includes an average of 450 hours of on-the-job training during the two-year sequence. For the student who has not completed a minimum of one year Distributive Education cooperative training in high school, additional directed occupational experience (250 hours, minimum) is required. The degree program is designed to strengthen basic academic understanding while giving the student an opportunity to take general and specialized courses related to marketing and distribution. The faculty adviser in Cooperative Distribution assists the student in curriculum planning, job placement, and progress at school and on the job.

After completing the two-year program, a student may go directly into the field of business or continue toward a four-year degree program at Christopher Newport College or other institutions. Any student continuing in college usually majors in Retailing, Advertising, Business Administration, Marketing, or Distributive Teacher Education. The student planning to transfer credits to a four-year degree program should consult with an adviser of the four-year program to determine the transferability of courses.

Two-Year Certificate

A Certificate in Cooperative Distribution is offered at the College. This program is designed for the student who has career objectives similar to the ones described in the Associate in Arts degree program description. While a greater concentration of courses is required for the Cooperative Distribution Certificate Program, the student takes a minimum number of basic academic subjects. The science, mathematics and physical education requirements as identified in the Associate in Arts degree program in Cooperative Distribution are not required.

A minimum of sixty-three semester hours is required to obtain the Certificate in Cooperative Distribution.

The request for admission as a student interested in the Cooperative Distribution program should be clearly stated on the application. Refer to the *Admissions* section of the college catalogue.

Associate in Arts Degree Program—Cooperative Distribution

First Year:	Credit Hours
Cooperative Distribution Courses	11
English 101-102	6
Math Courses	6
Economics Courses	6
	29

Second Year:	Credit Hours
Cooperative Distribution Courses	14
Sophomore English Courses	6
Natural Science Courses	8
Physical Education	2
Electives	3
	33

(Note: Please refer to the Associate in Arts degree requirements which immediately precede this section of the catalogue.)

Certificate Program—Cooperative Distribution

First Year:	Credit Hours
Cooperative Distribution Courses	11
English 101-102	6
Political Science Course	3
Speech	3
Electives	9
	32

Second Year:	Credit Hours
Cooperative Distribution Courses	17
Sophomore English Courses	6
Economics Courses	6
Electives	2
	31

Course Offerings in the Evenings

The flexibility described in the College's Aims and Purposes is realized in the Evening and Saturday Curriculum which opens the College's curriculum and degree programs (associate and baccalaureate) to those residents of the Lower Peninsula for whom the normal scheduling of classes would make attendance difficult or impossible. The evening curriculum begins at 5:00 P.M. with the bulk of the courses starting at 7:00 P.M. and operates Mondays through Thursdays. The Saturday curriculum begins at 9:00 A.M. and is limited to the morning. All courses offered are accredited through the Southern Association of Colleges and Schools and the College of William and Mary and carry residence credit.

Since a student may enroll in the Evening and Saturday Curriculum as a Classified or an Unclassified Student, he must first determine which classification is the more suitable to his aims and purposes.

Course Offerings in the Summer

The Summer Session, which extends the College's academic resources to students who reside on the Peninsula but attend or plan to attend another college or university, is an integral part of the educational program of the College. The Summer Session consists of two terms of five weeks each and one term of ten weeks and offers courses in both day and evening.

Special Programs

The Director of Continuing Studies is charged with the responsibility of designing and implementing special courses to meet emerging local needs and demands.

During the last session, the Office administered a seminar on the White House Conference on Aging in conjunction with the Peninsula Family Services and Traveler's Aid, the CIVILISATION film series narrated by Sir Kenneth Clark, an art film series entitled MUSEUM WITHOUT WALLS produced by Universal Studios, the Film Classics Club cosponsored with the Jewish Community Center, courses in conversational French and Spanish. Also, with the cooperation of the German-American Association of Tidewater, the Office of Continuing Studies sponsored a film series of German-American films.

These special programs, which are open to the public, carry no academic credit and do not require admission to the College.

Continuing Education Unit

The College offers certain courses which carry no semester credit. These courses instead carry Continuing Education Units (CEU). One Continuing Education Unit is equal to 10 hours. The fee for each course is \$18.00 per Continuing Education Unit.

Current courses offered which carry CEU are:

French 001 and 002—3 CEU

Spanish 001 and 002—3 CEU

Reading 001 and 002—3 CEU



Courses of Instruction

The following descriptions are of courses which the College offers throughout the session. Courses numbered 100 are primarily for freshmen, 200 for sophomores, 300 for juniors, and 400 for seniors. Upper division courses may be offered in alternate years.

A "continuous course," indicated by a hyphen between the course numbers, covers a field of closely related materials, and the first semester must ordinarily precede the second, unless special permission is given by the chairman of the department concerned. If a course is made up of two closely related semesters, but the second may be taken first, the course numbers are separated by a comma.

Schedules detailing when these courses will be offered are published each semester. The schedule outlining classes is available from the Office of the Registrar.

Ancient Language (See Classical Studies)

Biology

A minimum of 41 hours credit* is required for a concentration in Biology. These include Biology 101-102, 203, 204, 420 and one botany course exclusive of 303. Majors are expected to take both the lecture and the laboratory in those courses in which the lecture and laboratory are listed separately. The remaining biology hours may be selected from the list of elective courses with the aid of the student's adviser. Majors must also take Chemistry 101-102, 301-302, Mathematics 130, 230 and Physics 101-102 or Physics 103-104. The program should include six to ten hours of non-biology electives as well as a foreign language.

Unless otherwise specified, the prerequisite for all courses above the 100-level is successful completion of Biology 101-102.

101-102. *Principles of Biology*. Continuous course; lectures three hours, laboratory three hours; four credits each semester.

Basic principles of biology as revealed by research and experimentation; the relation of these principles to the success of living organisms.

203. *Cell Biology*. First semester; lectures three hours, laboratory four hours; four credits. Prerequisite: Chemistry 301-302 or consent of instructor.

*The student may elect not to count the introductory courses (Biology 101-102) among the hours counted in his major requirement. If he so elects, he must declare his intention to the Registrar prior to the completion of ninety semester credits.

Physiology at cellular levels of organization; cell structure and function; osmosis, membrane transport, enzymes, photosynthesis, respiration, and other metabolic processes.

204. *Genetics*. First semester; lectures three hours; three credits. Prerequisite: Chemistry 301-302.

Mechanisms of inheritance, mutation, recombination, genetic expression and regulation at all levels of biological organization.

204a. *Genetics Laboratory*. First semester; four hours; one credit. Prerequisite: Concurrent or preregistration in 204.

206. *Plant Taxonomy*. Second semester; lectures two hours, laboratory four hours; four credits.

Phyletic relationships of flowering plants and ferns; principles of classification of local flora. (Offered in even years.)

212. *Microbiology and Man*. Summer session; lectures three hours, laboratory two hours; four credits. Prerequisite: Biology 101-102 or 213-214.

Elementary principles of bacteriology; emphasis on microorganisms as etiological agents in disease; practical methods of disinfection; factors of infection and immunity.

213-214. *Human Anatomy and Physiology*. Continuous course; lectures three hours, laboratory two hours; four credits each semester.

Comprehensive and systematic study of the living processes; structure and function of the human body.

215. *Biology Evolution*. Second semester; lectures three hours; three credits.

Principles of biological evolution; detailed discussion of natural selection, adaptation, population genetics, isolating mechanisms, and speciation.

216. *Invertebrate Zoology*. Second semester; lectures three hours, laboratory four hours; four credits.

Morphology and ecology of representative invertebrates studied in field and laboratory.

301. *Microbiology*. Second semester; lectures three hours, laboratory four hours; four credits. Prerequisite: Chemistry 301-302.

Introduction to the morphology, physiology, and genetics of bacteria and the bacterial viruses.

302. *Introductory Marine Science*. First semester; lectures three hours; three credits. Prerequisite: Chemistry 101-102.

Physical and chemical properties of hydrosphere; application of basic ecological principles to marine environment; history of oceanography.

302a. *Introductory Marine Science Laboratory*. First semester; four hours; one credit. Prerequisite: Concurrent or preregistration in 302.

303. *Landscape Horticulture*. Second semester; lectures three hours, laboratory four hours; four credits. Prerequisite: Consent of the instructor.

Principles of good landscape design, use, choice, identification and cultural practices employed with ornamental plants. (Offered in odd years.)

305. *Plant Anatomy*. First semester; lectures three hours, laboratory six hours; four credits. Prerequisite: Biology 310.

Structures and arrangement of cells and tissues in higher plants; cytology, physiology, taxonomy, ecology, evolution and development included where related to anatomy. (Offered in even years.)

306. *Environmental Conservation*. First semester; lectures three hours; three credits. Prerequisite: Completion of distribution science requirement or consent of the instructor.

Study of soil, water, plant, air, wildlife, recreational, and mineral resources, their interrelationships and modifications by man, steps necessary to use them wisely for present and future generations.

306a. *Environmental Conservation Laboratory*. First semester; four hours; one credit. One overnight field trip will be required. Prerequisite: Concurrent or previous registration in 306.

308. *Plant Physiology*. Second semester; lectures three hours; three credits. Prerequisite: Chemistry 101-102.

Processes of plant growth to include mineral nutrition, water relations, translocations; control of plant growth and development by hormones, light, temperature, metabolism, and photosynthesis. (Offered in even years.)

308a. *Plant Physiology Laboratory*. Second semester; four hours; one credit. Prerequisite: Concurrent or preregistration in 308.

309. *Embryology of Vertebrates*. First semester; lectures three hours; three credits.

Comparative description and analysis of the principles and processes leading to establishment of the adult vertebrate body plan; gametogenesis.

309a. *Embryology of Vertebrates Laboratory*. First semester; four hours; one credit. Prerequisite: Concurrent or preregistration in 309.

310. *Morphology and Phylogeny of Plants*. First semester; lectures three hours, laboratory four hours; four credits.

Morphology of representative plants studied in laboratory and field; emphasis on reproductive processes and phylogenetic relationships. (Offered in odd years.)

403. *Advanced Marine Science*. Second semester; lectures three hours; three credits. Prerequisite: Biology 302.

Principles of marine ecology; biogeography; pollution ecology; application of statistical methods to analysis of marine data.

403a. *Advanced Marine Science Laboratory*. Second semester; four hours; one credit. Prerequisite: Concurrent or preregistration in 403.

404. *Animal Histology*. First semester; lectures two hours, laboratory four hours; four credits.

Comparative study of cells and tissues of invertebrate animals. (Offered in odd years.)

407. *General Ecology*. Second semester; lectures three hours, laboratory four hours; four credits. Prerequisite: Chemistry 101-102.

Survey of major biotic communities; factors controlling the relation of organisms in their environment. Structure, metabolism, communities, ecosystems, and population control emphasized. Several week-end trips will be required.

409. *Comparative Anatomy of Vertebrates*. Second semester; lectures three hours, laboratory four hours; four credits. Prerequisite: Biology 309 is recommended.

General chordate anatomy, emphasizing the vertebrates, considered on a comparative and phylogenetic basis. Laboratory work includes dissection and study of dogfish, necturus, cat and other supplementary forms.

414. *Introductory Biochemistry*. Second semester; lectures three hours; three credits. Prerequisite: Chemistry 301-302.

Molecular basis of life; physical and chemical properties of selected biochemical pathways. (Offered in odd years.)

414a. *Introductory Biochemistry Laboratory*. Second semester; four hours; one credit. Prerequisite: Concurrent or preregistration in 414.

417. *Topics in Biology*. Both semesters; lectures one to four hours; one to four credits. Prerequisites: Upper division standing and consent of the instructor. Biology majors may offer no more than eight credits towards graduation.

A variety of biological and biologically related topics not included in the regular curriculum will be offered. These topics may fill a particular need or be an advanced treatment of a regular course.

420. *Seminar*. First and second semesters. Every two weeks for juniors and seniors. Biology majors only. One credit during either junior or senior year.

Discussion by faculty and students of contemporary problems in biology; presentation of seminar required of seniors.

421. *Problems in Biology*. First and second semester. For junior and senior biology majors only. One to three credits. No more than three credits may be submitted for the degree.

An opportunity for independent research or literature review with guidance of a faculty adviser.

Business

The major in business requires a minimum of thirty-three credit hours,* including the following courses: Economics 201-202 (*Principles*), Business 201-202 (*Accounting*), and Business 324 (*Principles*

*The student may elect not to count the introductory courses (Business 201-202, 324; Economics 201-202) among the hours counted in his major requirement. If he so elects, he must declare his intention to the Registrar prior to the completion of ninety semester credits.

of Management). In addition, Business 408 (*Quantitative Analysis*) will be required of all business majors who will graduate in June, 1975 and thereafter. The remaining hours should be selected from the business and economics courses described below (numbered 200 and above) with the aid of an adviser in view of the interests and career plans of the individual.

Successful completion of Business 324 is the prerequisite for any 400-level course listed below.

102. *Introduction to Business*. Both semesters; lectures three hours; three credits.

This course explores and analyzes the broad area of business administration from the manager's perspective. Included will be a review of decision-making, business resources, and the current business environment.

201-202. *Principles of Accounting*. Continuous course; lectures two hours, laboratory two hours; three credits each semester.

A study of the elementary principles and procedures of individual proprietorship, partnership, and corporation accounting.

301-302. *Intermediate Accounting*. Continuous course; lectures three hours; three credits each semester. Prerequisite: Business 201-202.

An analysis of balance sheets and profit and loss statements, together with the theory of valuation underlying the various accounts used in these statements.

303-304. *Cost Accounting*. Continuous course; lectures three hours; three credits each semester. Prerequisite: Business 201-202.

The fundamentals of job order, process, and standard cost accounting and cost and profit analysis for decision-making purposes. Use of problems is made.

305. *Auditing*. Both semesters; lecture three hours; three credits. Prerequisite: Business 201-202, 301-302.

Designed to provide the student a working knowledge of auditing procedures through the application of auditing principles. Preparation of audit reports and records is used to emphasize the necessary standards of ethics in the accounting profession.

311. *Principles of Marketing*. Both semesters; lecture and discussion three hours; three credits. Prerequisite: Economics 201-202.

Study of the activities which direct the flow of goods and services from producers to consumers in modern economic systems. Emphasis is placed on developing the student's ability to analyze and evaluate marketing problems and policies. (Same as Cooperative Distribution 102.)

323. *Corporate Finance*. Both semesters; lecture and discussion three hours; three credits. Prerequisite: Business 201-202.

Topics covered include a brief history of corporate developments; types of securities issued, promotion, capitalization, ownership, and management; sales and regulation of securities; income, working capital requirements, corporate expansion, failure and reorganizations. Attention given to the importance of taxation to corporate financing and to corporate responsibilities affecting the public interest.

324. *Principles of Management*. Both semesters; lecture and discussion three hours; three credits.

The fundamentals of management underlying the areas of organization and operation of business enterprises. Emphasis will be placed on the basic functions of management such as planning, organizing, directing, and controlling business activities.

325. *Communications and Public Relations*. Second semester; lectures three hours; three credits.

History and practice of public relations in the modern business world. Emphasis on practical applications of communications in public relations. Same as Communications 325.

331. *Statistical Methods in Business and Economics*. Second semester; lecture and discussion three hours, laboratory one hour; three credits. Prerequisite: Mathematics 220.

The collection, presentation, analysis and interpretation of numerical and quantitative data in economics and business. Each student will complete a project during the term which will demonstrate his ability to properly use statistical techniques and his powers of interpretation.

341-342. *Business Law*. Continuous course; lecture and discussion three hours; three credits each semester.

A study of the primary legal principles and their applicability to ordinary commercial transactions, with emphasis on contracts, legal forms of business enterprise, agencies, negotiable instruments, and labor and antitrust legislation.

351. *Governmental and Institutional Accounting*. Second semester; lectures three hours; three credits. Prerequisite: Business 201-202.

Budgetary accounting and finance control and their application to various governmental units, more particularly cities, counties, and other political subdivisions and public institutions.

408. *Quantitative Analysis*. Second semester; lecture and discussion three hours; three credits. Prerequisites: Mathematics 107, 108, and 220 or equivalent, and Business 201-202.

An analysis of the quantitative, operations-research, and management science approach to decision theory and the use of information systems by business management. Business simulation models and computer information systems will be considered insofar as their use is concerned.

410. *Managerial Accounting*. Second semester; lecture and discussion three hours; three credits. Prerequisite: Business 201-202.

The study of the use of accounting data by management in planning, budgeting, and forecasting business and economic variables.

412. *Personnel Management*. Second semester; lecture and discussion three hours; three credits. Prerequisite: Business 201-202.

A study of the principles and problems involved in personnel administration. Topics include job analysis, recruiting, selection and training of personnel. The course will also include a discussion of collective bargaining and an introduction to wage and salary administration.

418. *Business Policy and Management*. Second semester; lecture and discussion three hours; three credits. Prerequisite: Business 201-202.

An analysis of the principles and techniques to be observed in the formula-

tion of management policies, hopefully to develop skills in the formulation of such policies regarding operations of production, marketing, and finance.

421. *Investment and Insurance*. First semester; lecture and discussion three hours; three credits. Prerequisite: Business 201-202 and Economics 201-202.

An analysis of investment risks, portfolio management, and the securities markets. A study of insurance types, insurance contracts, policy conditions, reserves, surpluses and dividends, and investments. Analysis and solution of financial problems related to investment and insurance.

422. *Principles of Real Estate*. Second semester; lecture and discussion three hours; three credits. Prerequisite: Business 201-202 and Economics 201-202.

The role and importance of real estate in the economy; legalities, financing, and appraisal. Problems of obtaining, owning and transferring real estate. Problems and solutions of real estate as an investment.

431. *Production Management*. First semester; lecture and discussion three hours; three credits. Prerequisite: Business 201-202.

An analysis of the production phase of business activity. Concentration centered on the method and design and operation of major production systems.

461. *Public Policies Toward Business*. First semester; lecture and discussion three hours; three credits. Prerequisites: Business 201-202 and Economics 201-202.

A study of the economic, legal, and political aspects of government regulation and taxation of, aid to, and competition with private business. Emphasis on the problems of industrial concentration, conglomerate mergers, and monopoly power.

496. *Business, Accounting and Economics Seminar*. Both semesters; three hours seminar or independent research; three credits. Prerequisite: Declared major in Business and permission of the instructor.

Topical seminars in Business, Accounting, and Economics to cover a variety of areas; taxation, income and demand analysis, comparative systems, financial analysis, management, accounting and economic thought and methodology. (Same as Economics 496.)

Chemistry

101-102. *General Chemistry*. Continuous course; lectures three hours, laboratory four hours; five credits each semester. Prerequisite: Satisfactory scores on the Chemistry Placement Test (freshman); Mathematics 101 or equivalent (others).

The fundamental laws and principles of general chemistry. Second semester, qualitative analysis of the metallic ions in the laboratory.

113-114. *Elementary Chemistry*. Continuous course; lectures three hours, laboratory three hours; four credits each semester.

First semester, a survey of the fundamentals of general and inorganic chemistry. Second semester, a survey of organic and biochemistry.

This course should not be elected by persons planning to major in the natural sciences or engineering.

301-302. *Organic Chemistry*. Continuous course; lectures three hours, laboratory five hours; four credits each semester. Prerequisite: Chemistry 101-102.

Chemistry of the organic compounds of carbon. Structure, reactivity, and reaction mechanisms.

303-304. *Physical Chemistry*. Continuous course; lectures three hours, laboratory four hours; four credits each semester. Prerequisites: Chemistry 202, Mathematics 230, and Physics 102.

A study of matter and energy and their interactions. Thermodynamics; atomic and molecular structures; phase changes; electrochemistry; kinetics.

Classical Studies

Latin

No recent graduate with 2 units of high school Latin may take 101-102 for credit. Students with 3 units of high school Latin are to consult the Department for proper placement. Latin 101-102 will be taught every other year in alternation with 201, 202.

101-102. *Elementary Latin*. Continuous course; lectures four hours; four credits each semester.

Programmed course utilizing self-teaching techniques to communicate the fundamentals of the language; multi-media approach; wide variety of cultural material; emphasis on building English vocabulary.

201. *Intermediate Latin*. First semester; lectures three hours; three credits. Prerequisite: 101-102 or 2 units of high school Latin. (Not offered in 1972-73 session.)

Brief grammar review followed by suitable readings from major Latin authors (excluding Virgil).

202. *Virgil*. Second semester; lectures three hours; three credits. Prerequisite: 101-102 or 2 units of high school Latin. (Not offered in 1972-73 session.)

Reading of selected parts of Virgil's *Aeneid*. Parallel discussion of literary, political, cultural elements.

251, 252. *Literature of the Republic and Empire*. Lectures three hours; three credits each semester. Prerequisite: three or four units of high school Latin or Latin 201, 202. Offered on demand.

Reading of selections representative of the works of important authors of the Republic and Empire. The aim of the course is to help the student comprehend the total Roman achievement over a long span of time in the literary field.

Classical Civilization

The following courses do *not* require a knowledge of Greek or Latin.

100. *Classical Elements in English*. Second semester; lectures three hours; three credits. Open to all students.

The study of Greek and Latin components in English with a view toward understanding terminology; roots, derivatives, loan words, Latin phrases used in English; vocabulary building; etymology. Useful for the general student and the student in natural and social sciences, medicine, law, business, the humanities, and other fields.

200. *Mythology*. Both semesters; lectures three hours; three credits. Open to all students.

A thorough study of the principal classical myths; their Eastern and Graeco-Roman origins; their connections with classical civilization and subsequent influence on Western culture (literary, artistic, anthropological, and psychological). Includes a unit on Norse mythology.

301, 302. *The Ancient World*. (Same as History 301, 302). Lectures three hours; three credits each semester. (Offered every other year in alternation with 303, 304.)

First semester: the origin and nature of the early civilizations between the Nile and Indus rivers; the rise of the Greek city-state; Minoan and Mycenaean civilizations; Greek democracy; Greek imperialism before and after Alexander.

Second semester: the early peoples of Italy, including the Etruscans; the political, social, and institutional evolution of the Roman Republic; the expansion, organization, and eventual decline of the Roman Empire.

303, 304. *Classical Drama*. Lectures two hours; two credits each semester. Classical Civilization 200 is recommended as a prerequisite, but not required. (Offered every other year in alternation with 301, 302.)

Reading and discussion of major works of Aeschylus, Sophocles, Euripides, Aristophanes, Seneca, Plautus, Terence.

Exploration of the origin, nature, and function of Classical Drama and of its influence upon subsequent literature of the Western World.

Not a survey course; each semester will parallel the other with readings from different plays of the authors mentioned above.

Communications

The Department of Communications, established in 1972, has grown out of the conviction that at this time when society is in transition there is a special need to encourage the best expression of ideas, ideals, and experiences in order to disseminate knowledge and to remove misunderstandings among men. The printed word, the stage, screen, and microphone are the forums for accomplishing this.

Communications course offerings enable the student to study the structures, functions, processes, and effects of mass and inter-personal communications in modern society. They are divided into these areas: Communications, Speech, Theatre, Writing, Journalism, Cinema, and Reading.

The department will also develop courses and cross-list courses from other departments that explore problems—economic, legal, philosophical, psychological, social, semantic—common to communications activities and media.

Students from all disciplines are encouraged to choose communications electives.

Communications

291. *Mass Communication and Society*. Lectures three hours; three credits.

An introductory survey of the structures, functions, philosophy, processes, and effects of mass communication in modern society.

325. *Communications and Public Relations*. Second semester; lectures three hours; three credits.

History and practice of public relations in the modern business world. Emphasis on practical applications of communications in public relations. (Same as Business 325.)

Speech

101. *Public Speaking*. Both semesters; lectures three hours; three credits.

Study of techniques of public speaking; analysis of typical effective speeches; construction and delivery of original speeches of varying types for various purposes, such as clear explanation, conviction, and persuasion. Recommended for English majors and future teachers.

103. *Oral Interpretation of Literature*. Second semester; lectures three hours; three credits.

Increased appreciation of literature and responsiveness to its intellectual and emotional content through training and practice in communicating it to others. Recommended for English majors.

Theatre

211. *Introduction to the Theatre*. First semester; lectures three hours; three credits.

A consideration of the materials of creative expression in drama, an appreciation of the playwright's work and how his script is brought to fruition in production. The focus will be on the principles of dramatic interpretation—direction, acting, and technical design.

Writing

351. *Fiction Writing*. First semester; lectures three hours; three credits.

Intensive exercises in the writing of fiction, with emphasis on the short story.

Attention to selected examples of contemporary authors. Manuscripts read and discussed in class. Individual conferences. Open to sophomore with the approval of the instructor. (Same as English 351.)

352. *Poetry Writing*. Second semester; lectures three hours; three credits.

Intensive exercises in the writing of poetry. Analysis of contemporary techniques. Manuscripts read and discussed in class. Individual conferences. Open to sophomores with the approval of the instructor. (Same as English 352.)

433. *Advanced Rhetoric and Composition*. Second semester; lectures three hours; three credits.

Study of effective expository writing. Emphasis on contemporary styles. Individual conferences. Recommended for those who wish to write efficiently and for those who wish to teach composition. Open to juniors and seniors. (Same as English 433.)

Journalism

260. *News Writing and Reporting*. First semester; lectures three hours; three credits. Prerequisite: English 101-102.

A writing course emphasizing the fundamentals of news gathering, news evaluation, and structure of news stories, features, editorials.

Cinema

336. *The Cinema Since 1945*. Second semester; lectures three hours; three credits.

A study of the cinema as an art form and its development since the close of World War II. Prerequisite: completion of humanities distribution requirements.

Reading

001. *Efficient Reading*. Both semesters; lectures three hours, laboratory three hours; no degree credit; three continuing education units.

Instruction, discussion, and guided individual practice in major reading and study skills, including rate, organizing, visualization, interpretation, critical reading, textbook study, lecture note-taking. Individual guidance and practice in other reading skills as needed. Referral by counseling services, other faculty, or self-choice. Suitable laboratory hours without lecture can be arranged for students with specific reading problems.

002. *Advanced Efficient Reading*. Second semester; lectures one hour and three hours individual laboratory; no degree credit; three continuing education units. No prerequisite.

Reading rate; concrete, inferential, and critical comprehension including organizing, anticipation, and critical evaluation of the reader, the language, author, and the substance of his writing; use of language in communication.

Individual guided practice in rate, comprehension, appreciation, vocabulary, criticism, and other skills in all major academic fields.

Computer Studies

220. *Computer Structure and Programming*. Both semesters; lectures three hours; three credits. No prerequisite.

Introduction to basic digital computer concepts and structure including input-output devices, data storage and retrieval, and operating systems. Computer programming, with FORTRAN as the primary language, will be introduced.

240. *Business Data Management Techniques*. Both semesters; lectures three hours; three credits. Prerequisite: C.S. 220 or equivalent experience.

Advanced programming techniques and file management designed for students majoring in the business field. Business systems are introduced. The primary programming language is COBOL.

250. *Computerized Mathematical Techniques*. Both semesters; lectures three hours; three credits. Prerequisite: Math 130 or equivalent, C.S. 220 or equivalent experience.

Mathematical data handling techniques for students interested in math or science. APL and FORTRAN are used as programming languages.

330. *Computer Organization*. First semester; lectures three hours; three credits. Prerequisite: C.S. 220, C.S. 240, or C.S. 250, or permission of the instructor.

An in-depth study of computer design and structure. Boolean algebra will be applied in the study of computer functional organization. Special emphasis will be placed on the logic elements used in implementing computer functions.

340. *Systems Programming*. Both semesters; lectures three hours; three credits. Prerequisite: C.S. 220, C.S. 240, or C.S. 250, or consent of instructor.

A study of the techniques used by systems programmers. The IBM/360 assembler language, data types, complement and floating point arithmetic, indexing, interrupts, subroutines, macros, and parameters.

350. *Systems Analysis*. Second semester; lectures three hours; three credits. Prerequisite: C.S. 220, C.S. 240, or permission of the instructor.

Introduction to the problems of systems analysis and design. The organization of human resources to determine system needs and facilities for data collection and selection. The impact of computer introduction on existing organizational patterns. Feasible business problem applications. Evaluation of system effectiveness on a cost vs. performance basis.

360. *Modeling and Simulation*. Second semester; lectures three hours; three credits. Prerequisite: C.S. 220, one year of college mathematics.

Introduction to simulation and model building using the digital computer. Study of discrete and continuous systems using specialized languages such as GPSS and DYNAMO. Consideration of experimental design, statistical analysis of results, and optimization techniques.

430. *Operations Research I*. First semester; lectures three hours; three credits. Prerequisite: C.S. 220, one year of college mathematics.

Introduction to Operations Research. The history and development of OR. Topics include linear programming, network flow theory including an introduction to PERT, dynamic programming, game theory, Markov analysis, and simulation.

431. *Operations Research II*. Second semester; lectures three hours; three credits. Prerequisite: C.S. 430, minimum of one semester of calculus.

Advanced techniques in Operations Research. Topics include probability, statistical inference, decision theory, queueing theory and its applications, inventory theory, Markov chains, duality theory, non-linear programming, and optimization.

440. *Information Systems Design*. Second semester; lectures three hours; three credits. Prerequisite: C.S. 220, C.S. 240, or permission of the instructor.

Introduction to the concepts and techniques of designing information systems. Data base organization and processing techniques, on-line systems, hardware and software requirements relating to information retrieval and data display. Student teams will design information systems for a hypothetical company.

Cooperative Distribution

100. *Distribution Seminar*. Second semester; lectures two hours, laboratory one hour; three credits.

A study of distributive institutions, career opportunities, and individual self-appraisal/career planning.

101. *Principles of Salesmanship*. Both semesters; lectures three hours; three credits.

Effective selling techniques, careers in selling, selling and the economy, and selling ethics are discussed and related to the student's directed occupational experience. The student is required to give a number of sales demonstrations in class in order to show his ability to conduct a sales interview.

102. *Principles of Marketing*. Both semesters; lectures and discussion three hours; three credits.

Study of the activities which direct the flow of goods and services from producers to consumers in modern economic systems. Emphasis is placed on developing the student's ability to analyze and evaluate marketing problems and policies. (Same as Business 311.)

103, 104. *Directed Occupational Training*. Two credits each semester.

Minimum of 225 hours occupational training for each course is required. The directed occupational training is conducted in selected retail, wholesale, or service businesses. Written assignments related to one's occupation objectives are included. Open to Cooperative Distribution majors and unclassified students.

Freshman students may choose between the following plans for the first year:

1. The student works a minimum of 225 hours each semester from September to May.
2. The student works a minimum of 225 hours each semester beginning with the second semester in January and ending in August.

Sophomore students will enroll in Directed Occupational Training in the beginning of the second semester beginning in January.

201. *Store Organization and Operation*. Second semester; lectures three hours; three credits.

Operation and service activities as functions of store management. The areas of store location and layout, customer services, receiving and marketing, and protection are covered. Field trips to selected retail and service operations are scheduled.

202. *Personnel Techniques in Distribution*. Second semester; lectures three hours; three credits.

A study of personnel techniques used in supervisory and mid-management positions which include how to supervise, how to train, how to interview, employee motivation and a basic understanding of the personnel management function. Classroom instruction is related to the student's job experience.

203. *Sales Promotion*. First semester; lectures three hours; three credits.

The scope and activities of sales promotion in stores with emphasis on the coordination of advertising, display, special events, and publicity. External and internal methods of promoting business; budgeting, planning, and implementing the plan.

204. *Directed Occupational Training*. Second semester; two credits—refer to Cooperative Distribution 103, 104 for course description.

205. *Product Knowledge*. First semester; lectures three hours; three credits.

A study of materials used, construction, care and government regulations of various types of merchandise such as textiles, chinaware, glassware, silverware, leather, jewelry, furniture, and other types of home furnishings. Values and quality standards for the consumer are stressed.

208. *Mathematics of Distribution*. Second semester; lectures three hours; three credits.

Basic mathematical processes applied to store problems with emphasis given to discounts, invoices, markup-individual and purchase-expenses, selling costs, retail methods of inventory, merchandising plans, and basic/model stock buying principles.

Economics

Unless otherwise specified, the prerequisite for all 300 and 400 level courses listed below is successful completion of Economics 201-202.

201-202. *Principles of Economics*. Continuous course; lectures three hours; three credits each semester.

Students will analyze principles underlying economic organization and functioning. Analysis will include introduction to classical, neo-classical, and modern economic theory with added exposure to distribution and value theory. The economics of the firm will also be considered.

203. *Economic Geography and World Resources*. Both semesters; lectures three hours; three credits. No prerequisite.

Study of the nature, distribution, use and conservation of the world's agricultural, forest, marine, and mineral resources. Stress is placed upon the interrelatedness of physical, cultural and political factors, with man as user and manager. (Same as Geography 203.)

301. *Money and Banking*. First semester; lecture and discussion three hours; three credits. Prerequisite: Economics 201 or consent of instructor.

This course examines the nature and functions of money and credit, the commercial banking system, the Federal Reserve System, the quantity theory of money, the theory of income determination, the balance of payments and exchange rates, and the history of monetary policy in the United States.

302. *Public Finance*. Second semester; lecture and discussion three hours; three credits.

The nature and application of the fundamental principles which apply to the obtaining, managing, and disbursing of the funds necessary for the performance of governmental functions at the local, state, and federal levels. The American tax system is given detailed consideration. (Same as Political Science 302.)

303-304. *Intermediate Economics Analysis*. Continuous course; lecture and discussion three hours; three credits each semester.

The first semester deals with microeconomic theory as related to consumer behavior and demand, production and cost, market organization, distribution theory, and welfare economics. The second semester concentrates on the macroeconomic theory of income distribution, national income analysis and current problems.

351. *Urban Development Economics*. Second semester; lectures three hours; three credits. Prerequisite: Economics 201-202.

The theories, problems and policies of urban and regional economic development, with emphasis on metropolitan finance, local government organization, economic base, location theory, and manpower utilization. The application of economic theory toward a solution of the urban problems of unemployment, education and training, welfare, housing, health, and transportation.

420. *Business Cycles, Forecasting, and Stabilization Policy*. Second semester; lecture and discussion three hours; three credits.

A study of the cyclical fluctuations in the U.S. economy, with particular stress upon their history, causes, techniques for forecasting, and proposed methods of stabilization. An analysis of the uses of monetary and fiscal devices and their impact on income, employment, and prices.

451. *The Economics of Labor and Collective Bargaining*. First semester; lecture and discussion three hours; three credits.

A study of the labor force, the demand for and supply of labor, wage determination, the procedures, agencies, legal framework, and major issues in-

volved in labor-management relations. Attention is also given to the problems of negotiating and implementing a collective bargaining agreement.

470. *International Trade and Finance*. Second semester; lecture and discussion three hours; three credits.

An analysis of the development of international trade theory from the thirteenth century to the present. A study of balance of payments equilibrium, foreign exchange, and international finance and especially international economic developments since World War II.

490. *Managerial Economics*. Both semesters; lecture and discussion three hours; three credits. Prerequisite: Business 201-202.

Economic analysis of economic problems of particular importance for business firms. Emphasis on discovering policy criteria, identifying alternatives, and the selection and use of economic, financial, and management information in decision theory.

496. *Business, Accounting, and Economics Seminar*. Both semesters; three hours seminar or independent research; three credits. Prerequisite: Declared major in Business and permission of the instructor.

Topical seminars in Business, Accounting, and Economics to cover a variety of areas; taxation, income and demand analysis, comparative systems, financial analysis, management accounting and economic thought, and methodology. (Same as Business 496.)

Education

In cooperation with the School of Education of the College of William and Mary, Christopher Newport College offers courses which will fulfill the requirements for the Collegiate Professional Certificate in secondary education.

Currently students at Christopher Newport College may be endorsed to teach in the subject areas listed below. As the College expands its offerings, other areas will be added.

Biology

English

English and Speech

French

General Science

Government

History

History and Social Science (In addition to history courses, this endorsement requires twelve credits of government, six of economics, and six of geography.)

Mathematics

Physical Education

Psychology (Because of the lack of student-teaching opportunities in this field, students majoring in psychology should also meet certification requirements in another teaching field.)

Sociology (Because of the lack of student-teaching opportunities in this field, students majoring in sociology should also meet certification requirements in another teaching field.)

Spanish

State Certification Regulations for Teachers in Virginia

General Requirements

An applicant must possess a baccalaureate degree with a background of 48 hours in general education, including a minimum of

- Humanities—12 semester hours
English composition (required) and the balance from any of the following fields: foreign language, literature, speech, fine arts, music, and philosophy.
- Social Science—12 semester hours
American history (required) and the balance from any of the following fields: history, anthropology, sociology, economics, political science, geography, and psychology.
- Laboratory Science and Mathematics—12 semester hours (at least one course in each area)
- Health and Physical Education—4 semester hours or equivalent (at least one course in each area)

The remaining eight semester hours shall be selected from courses listed in A, B, and C, above.

It is recommended that all teachers take a course in speech and one in basic economics to satisfy in part the general education requirements.

Professional Requirements for Secondary Education

By the end of the junior year, the student must have completed the following courses:

	Semester Credits
Psychology 307, <i>Developmental Psychology</i> or Psychology 309, <i>Psychology of Adolescence</i>	3
Education (Psychology) 312, <i>Educational Psychology</i> ...	3

Semester Credits

Education 303, <i>Instructional Materials and Methods</i> or 304, <i>Materials and Methods of Teaching Foreign Language in the Secondary School</i>	3
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During one semester of the senior year, the student will complete:

Education 401, <i>Supervised Teaching</i>	6
Education 404, <i>Cultural Foundations of Education</i>	3
Education 414, <i>Educational Measurements and Evaluation</i>	3

Admission and Preregistration Procedures for Student Teaching

The student teaching block of twelve semester hours (Education 401, 404, and 414) is offered in either semester of the senior year. Students must register for the entire student teaching block and are permitted to carry one additional course which is scheduled to meet in the evening.

Students who wish to student teach must meet the following criteria for admission to the program:

- a quality-point average of at least 2.0 (4.0 scale) earned in courses completed prior to the semester of student teaching,
- a grade of not less than "C" in each prerequisite course: Education 303 (Education 304 in the case of a modern language major), Psychology 312, and Psychology 307 or 309,
- a planned program of courses designed to earn the Collegiate Professional Certificate to teach in the subject field in which student teaching is to be completed, and
- personal qualities which are necessary for successful teaching as indicated by a personal interview.

Students must preregister for student teaching to allow sufficient time for making necessary arrangements with the cooperating school divisions: Hampton, Newport News, and York County. Preregistration should be completed individually with the Director of Student Teaching prior to the following deadlines:

- March 1 for the subsequent fall semester.
- October 1 for the subsequent spring semester.

303, *Instructional Materials and Methods*. Both semesters; lectures three hours; three credits. Prerequisite: Speech 101, Education 312 (Psychology 312) or Psychology 307 or 309, and fifteen semester credits in the subject of teaching choice.

An introductory course in the organization of instruction. This course must be taken prior to supervised teaching.

304. *Materials and Methods of Teaching Foreign Language in the Secondary School*. Lectures three hours; three credits. Prerequisites: Speech 101, Education 312 (Psychology 312) or Psychology 307 or 309, and fifteen credits in French or Spanish above the 202 level.

A study of established methods of instruction, involving aural, oral, and audio-visual approaches, uses of instrumentation, test construction and evaluation, and applied linguistics in the language teaching situation.

312. *Educational Psychology*. Both semesters; lectures three hours; three credits. Prerequisite: Psychology 201. (Same as Psychology 312.)

A course in which current theories of learning emphasizing the basic factors of motivation, learning, retention and transfer are analyzed. Special emphasis will be placed on educational implications of empirical and theoretical findings.

401. *Supervised Teaching, Secondary Level*. Both semesters; six credits. Prerequisite: Education 303, Education 312 (Psychology 312) and Psychology 307 or 309.

404. *Cultural Foundations of Education*. Both semesters; lectures three hours; three credits.

A course designed primarily to aid the prospective teacher in attaining depth of perspective in the theory of education. The course deals with the development of educational traditions; philosophical constructs underlying American practices of education, and the analysis of contemporary problems in light of this historical and philosophical background. Problems are considered, such as equality of educational opportunity, the relationships among church, state, and school, and the effect upon education of the changing patterns of American life.

414. *Educational Measurements and Evaluation*. Both semesters; lectures three hours; three credits. Prerequisites: Education 303, Education 312 (Psychology 312) and Psychology 307 or 309.

A course dealing with the identification and definition of instructional objectives in behavioral terms, constructing and selecting measuring and evaluative instruments to appraise these objectives and interpreting the results obtained in a meaningful way. Emphasis is placed on the construction of teacher-made tests and the interpretation of standardized tests.

English Language and Literature

A concentration in English requires satisfactory completion of English 101-102¹ and continued competence thereafter in written and

¹ Superior students, upon application to the chairman of the English Department and at the discretion of the department, may be allowed advanced placement and, in some cases, credit for 101-102. A student who gets B or better in 101 may be allowed with the permission of the instructors and the Dean of Academic Affairs to take 102 and 201 (or 205 or 207) simultaneously. English majors may take English 205, 206 as Humanities 205, 206 and count both it and English 201, 202 as part of the 120 academic hours required for graduation.

oral expression, one six-hour sequence of the sophomore-level courses (201, 202, or 205, 206, the latter recommended to those who have not had a world literature course in high school); and at least 30 but not more than 42 further credits in courses above the 200-level in this department, with not more than 6 credits in writing courses above the sophomore level. The student majoring in English is required to take six semester hours of *Shakespeare* (421, 422) or three semester hours of *Shakespeare* and three semester hours of either *Chaucer* (401) or *Milton* (426). English 496, *Senior Seminar*, is required of all majors; either 430 or 433 is required for those who plan to teach English in the Virginia secondary schools. *Shakespeare* and the *Senior Seminar* will be offered every year; all other upper-level courses will be offered every other year except when emergency situations prevent such repetition.

A balanced program that takes into account the student's abilities and career objectives will be worked out with the department adviser, assigned when the student declares his intention to major in English, usually towards the end of the sophomore year. Supporting courses, including history, fine arts, modern and ancient languages, philosophy, and speech, will be recommended by the adviser.

The prerequisite for sophomore literature courses (201, 202, 205, 206, 207, 208) is the successful completion of English 101-102.

Unless otherwise stated, the prerequisite for all three-hundred and four-hundred-level English courses is at least one semester of sophomore literature (201, 202, 205, 206, 207, or 208) or junior standing and the consent of the instructor teaching the advanced English course.

101-102. *Composition, Rhetoric, and Literature*. Continuous course; lectures three hours; three credits each semester.

A study of the basic principles of composition and rhetoric on the college level and an introduction to the major literary forms, with frequent themes arising from this study. Required of all students unless exempted by the English Department.

201, 202. *English Literature*. Lectures three hours; three credits each semester.

A survey of English literature, emphasizing the major writers and the dominant literary trends; first semester from *Beowulf* through Boswell and Johnson; second semester from Burns to the present.

205, 206. *Genres in Western World Literature*. Lectures three hours; three credits each semester.

A study of literary masterpieces of the Western world from classical to modern times with special emphasis on literary perspectives: epic, romantic, satiric, tragic, comic, and ironic. All study will be based on English translations. (Equivalent to Humanities 205, 206.)

207, 208. *Literature and Ideas*. Lectures three hours; three credits each semester.

A study of literature as it interprets man's understanding of himself and society. Focuses on ideas of recurring interest, such as love, justice, and nature.

Especially recommended for non-English majors as their humanities distribution requirement.

301. *English Literature of the Sixteenth Century*. First semester; lectures three hours; three credits.

A critical and historical study of the major prose, poetry, and drama of the sixteenth century, exclusive of Shakespeare.

302. *English Literature of the Earlier Seventeenth Century*. Second semester; lectures three hours; three credits.

A critical and historical study of the major prose, poetry, and drama produced in England between 1600 and 1660, exclusive of Shakespeare and Milton.

303. *English Literature of the Restoration and Earlier Eighteenth Century*. First semester; lectures three hours; three credits.

A critical and historical study of the major works of the Age of Dryden (exclusive of Milton) and the Age of Pope.

304. *English Literature of the Later Eighteenth Century*. Second semester; lectures three hours; three credits.

A critical and historical study of the prose, poetry, and drama created in England between 1740 and 1798, with some emphasis on the novel.

309. *English Literature of the Romantic Movement, I*. First semester; lectures three hours; three credits.

A critical and historical study of the major early Romantics (Blake, Burns, Wordsworth, and Coleridge) with attention also to the early Romantic novel, drama, and essay.

310. *English Literature of the Romantic Movement, II*. Second semester; lectures three hours; three credits.

A critical and historical study of the major later Romantics (Byron, Shelley, and Keats) with attention also to the later Romantic novel and essay.

321. *English Literature of the Victorian Age, I*. First semester; lectures three hours; three credits.

A critical and historical study of the drama, poetry, and prose (including the novel) produced in England from 1832-1858.

322. *English Literature of the Victorian Age, II*. Second semester; lectures three hours; three credits.

A critical and historical study of the drama, poetry, and prose (including the novel) produced in England between 1858 and 1901.

325. *English and American Poetry of the Twentieth Century*. First semester; lectures three hours; three credits.

A critical study of the major poetry produced in England and the United States from the beginning of the century till the recent past.

326. *Major World Fiction of the Twentieth Century*. Second semester; lectures three hours; three credits.

A critical study of the great fiction produced in countries of the Western World (including England and America) since the beginning of the century, with emphasis on the novel.

327. *Major Dramas of the Modern World*. First semester; lectures three hours; three credits.

A critical study of the great dramas produced in countries of the Western World (including England and America) from 1880 to the present.

341. *American Literature, I*. First semester; lectures three hours; three credits.

A critical and historical analysis of the major American writers from the beginnings to Whitman.

342. *American Literature, II*. Second semester; lectures three hours; three credits.

A critical and historical analysis of the major American writers from Whitman to the present.

351. *Fiction Writing*. First semester; lectures three hours; three credits.

Intensive exercises in the writing of fiction, with emphasis on the short story. Attention to selected examples by contemporary authors. Manuscripts read and discussed in class. Individual conferences. Open to sophomores with the approval of the instructor. (Same as Communications 351.)

352. *Poetry Writing*. Second semester; lectures three hours; three credits.

Intensive exercises in the writing of poetry. Analysis of contemporary techniques. Manuscripts read and discussed in class. Individual conferences. Open to sophomores with the approval of the instructor. (Same as Communications 352.)

401. *Chaucer*. First semester; lectures three hours; three credits.

A critical study of the works of Chaucer in the original Middle English with special emphasis on *The Canterbury Tales*.

421, 422. *Shakespeare*. Lectures three hours; three credits each semester. Either semester may be taken first.

A critical study of the major works of Shakespeare. Required of all English majors. (See introductory remarks to this section for totality of required courses.)

426. *Milton*. Second semester; lectures three hours; three credits.

A critical study of the major works of Milton with special emphasis on *Paradise Lost*.

430. *Advanced English Grammar*. Second semester; lectures three hours; three credits.

A concentrated review of descriptive English grammar, with some emphasis on new trends in the subject.

431. *Structural History of the English Language*. First semester; lectures three hours; three credits.

An historical study of the development of the English Language.

433. *Advanced Rhetoric and Composition*. Second semester; lectures three hours; three credits.

Study of effective expository writing. Emphasis on contemporary styles. Individual conferences. Recommended for those who wish to write efficiently and for those who wish to teach composition. Open to juniors and seniors. (Same as Communications 433.)

495. *Special Topics in British and American Literature*. Both se-

mesters; lectures three hours; three credits. Prerequisite: senior standing or consent of the instructor.

A seminar in major authors, literary concepts, or topics related to historical periods, with subject matter and instructor changing each semester. The seminar topic will represent both student interest and the specialty (or research in progress) of an individual member of the department. No student may enroll more than twice for credit. (To be offered for the first time during the second semester of the 1972-73 session.)

496. *Senior Seminar*. Second semester; lectures three hours; three credits.

A seminar course concentrating on the in-depth study of British and American authors and requiring a major research paper on one author by each student. An oral examination in language and literature is given in connection with the Senior Seminar, and students must pass the examination in order to earn grades of A or B on the course. Required of all English majors.

Open only to English majors with senior standing.

Fine Arts

201-202. *Introduction to the Arts*. Continuous course; lectures three hours; three credits each semester.

The development of architecture, sculpture, and painting from the earliest times to the present day. Open to freshmen with the permission of the instructor.

351. *Applied Aesthetics: Beauty in Urban Design*. Both semesters; lectures three hours; three credits.

Theories regarding the essential character of beauty in urban planning, tests by which it may be judged, and its relation to the human mind. Specific consideration of urban components from street lights to civic centers; urban landscaping, renewal, and the preservation of buildings; legislation designed to effect aesthetically pleasing environments. (Same as Humanities 351.)

Geography

101. *Introduction to Geography*. Both semesters; lectures three hours; three credits.

An introductory course to acquaint the student with geography as a discipline. The interrelatedness of physical and cultural aspects familiarizes the student with the earth as the home of man. Extensive use of maps and other geographic tools provides skill not only for advanced studies, but also for everyday use.

203. *Economic Geography and World Resources*. Both semesters; lectures three hours; three credits.

Study of the nature, distribution, use and conservation of the world's agricultural, forest, marine, and mineral resources. Stress is placed upon the interrelatedness of physical, cultural and political factors, with man as user and manager. (Same as Economics 203.)

351. *Urban Geography*. Second semester; lectures three hours; three credits.

An analysis and evaluation of urban settlement and development, from cradle area to modern metropolitan region. City locations, their size and shape, are investigated in relation to man, economic, political and strategic factors.

History

For a Bachelor of Arts Degree with a major in History a minimum of twenty-four hours in history above the 200-level including three hours of a senior seminar is required. In addition, six hours in a related social science or psychology are required.

European History

The prerequisite for all 300-400-level European History courses is successful completion of History 101, 102 or the consent of the instructor.

101. *Western Civilization to 1815*. Lectures three hours; three credits.

After a brief consideration of the fall of Rome and the medieval background, the course covers the history of Europe from the Renaissance to the conclusion of the Napoleonic Wars.

102. *Western Civilization 1815 to the Present*. Lectures three hours; three credits.

Rise of liberalism, nationalism, the World Wars, the reconstruction of Europe, and the contemporary world.

301, 302. *The Ancient World*. Lectures three hours; three credits each semester.

First semester begins with origin and nature of the great civilizations of Near East and closes with empire of Alexander the Great. Second semester begins with early history of Italy and ends with the fall of the Roman Empire.

303. *Medieval History*. Three hours; three credits.

A history of Western Europe from the fall of Rome to the dawn of the Renaissance.

304. *The Renaissance*. Lectures three hours; three credits.

A study of the Renaissance in Italy and in northern Europe mainly as an intellectual development with emphasis on the culture as well as the politics of the period.

305. *The Reformation*. Lectures three hours; three credits.

A study of the background, history, and ideas of the Protestant Reformation, the Catholic Reformation, and the politico-religious wars to 1648.

306. *Early Modern Europe, 1648-1815*. Lectures three hours; three credits.

The development of absolutism and constitutionalism in 17th and 18th century Europe, the scientific revolution, the 18th century enlightenment, and the era of the French Revolution and Napoleon.

307. *Nineteenth Century Europe*. Lectures three hours; three credits.

A history of Europe from the Congress of Vienna to 1870.

308. *The Era of World War I.* Lectures three hours; three credits.

A history of Europe from 1870 through the peace conferences of 1919.

309. *History of Europe from 1919 to the Present.* Lectures three hours; three credits.

Europe between the wars, the background of World War II, the war and its aftermath, and the crises of the contemporary world.

410, 411. *Russian History.* Lectures three hours; three credits each semester.

First semester begins with formation of the Russian State in the city of Kiev and ends with unification of Russia under the leadership of Moscow through Peter the Great. Second semester deals with Catherine, the 19th century, the Russian Revolution, and the Soviet Union under the Communists.

412, 413. *England Under the Tudors and Stuarts.* Lectures three hours; three credits each semester.

A study of the War of Roses, emergence of the Tudor Monarchs, Elizabethan Age, Stuart Monarchs, Puritan Revolution, Cromwell, Restoration, and the Glorious Revolution of 1688, and the last of the Stuarts. Second semester begins with the Stuarts.

United States History

The prerequisite for all 300-400-level United States History courses is successful completion of History 201, 202 or the consent of the instructor.

201. *American History.* First semester; lectures three hours; three credits. Prerequisite: Sophomore standing or consent of the instructor.

The Colonial Period through the Civil War. Emphasis on period since 1776.

202. *American History.* Second semester; lectures three hours; three credits. Prerequisite: Sophomore standing or consent of the instructor.

Development of United States since 1865.

321. *Colonial America and the Revolutionary Era to 1787.* Lectures three hours; three credits.

A study of the origins and development of the American colonies, the social and intellectual trends of the period, the background to the American Revolution, the Revolution, the Confederation period, and the formation of the Constitution.

322. *The Early National Period, 1787-1837.* Lectures three hours; three credits.

An analysis of the political, economic, social, and intellectual developments of the Federalist, Jeffersonian, and Jacksonian eras.

323. *Civil War and Reconstruction, 1837-1877.* Lectures three hours; three credits.

An intensive study of slavery and expansion, social and intellectual developments of the era, the Civil War and Reconstruction.

324. *Industrial America, 1877-1919.* Lectures three hours; three credits.

A study of the impact of industrialization, urbanization, and immigration on American society, the thrust of the United States beyond its border, and the political, intellectual, and social response to these forces.

325. *Recent America, 1919 to the Present.* Lectures three hours; three credits.

The United States since World War I with emphasis on internal problems (e.g., economic and racial) and an analysis of the role of the United States as a world leader.

430, 431. *Diplomatic History of the United States.* Lectures three hours; three credits each semester.

An examination of United States relations with the rest of the world since independence. Second semester begins with the early 20th century and continues down to the present.

432, 433. *Economic History of the United States.* Lectures three hours; three credits each semester.

A study of America's economic growth and development up to the present day. Second semester begins with the late 19th century.

434. *Urban History of the United States.* Lectures three hours; three credits.

A study of the political, economic, social, and intellectual impact of the city upon American history from the seventeenth to the twentieth century. (Formerly numbered History 335.)

435. *Maritime and Naval History.* Lectures three hours; three credits.

A survey of the maritime development of the United States and its relationship to the Western world from the founding of the colonies to the present time. Emphasis will be placed upon the growth of American merchant shipping and naval power and their relationships to American political, military, economic, and cultural history.

436, 437. *American Social-Intellectual History.* Lectures three hours; three credits.

The course will cover the transition from the agricultural, deferential, aristocratic, colonial American society to the industrial, urban, democratic, modern American society through an historical development of the American social structure relying also on changes in social attitudes and intellectual comment on those societal changes.

Latin American History

450, 451. *Introduction to Latin American History and Culture.* Lectures three hours; three credits each semester. Prerequisite: History 101, 102 or consent of instructor.

The first semester begins with a study of conquest and colonization of Latin America by Spain and Portugal. The second semester stresses the establishment of these nations as political entities and their relationship to Europe and the United States up to the present.

452, 453. *Latin American Independence Movements*. Lectures three hours; three credits each semester. Prerequisite: Junior standing or consent of instructor.

Causes, progress, and results of independence movements which created Latin American Republics, and the problems which are related to the experiences of the colonial and independence periods.

Asian History

460, 461. *History of Asia*. Lectures three hours; three credits each semester. Prerequisite: History 101, 102 or consent of instructor.

First semester focuses on role of Chinese civilization in Asia. Second semester begins with the opening of Asia to Western influences in the nineteenth century, and concludes with the modernization of Asia and birth of Asian Communism.

Seminar

491. *Senior Seminar*. Three credits. Prerequisite: Six hours of history above the 200 level, or consent of instructor. Required of all students who declare as history majors after February 1, 1971.

A seminar dealing with selected problems in history and an examination of historiography, methodology and philosophy of history. The focus, form, and content of each seminar will be determined by the instructor. The nature of the seminar will be announced well in advance after consideration of student interest and staff availability.

Humanities

205, 206. *Genres in Western World Literature*. Lectures three hours; three credits each semester.

A study of literary masterpieces of the Western world from classical to modern times with especial emphasis on literary perspectives: epic, romantic, satiric, tragic, comic, and ironic. All study will be based on English translations. (Equivalent to English 205, 206.)

351. *Applied Aesthetics: Beauty in Urban Design*. Both semesters; lectures three hours; three credits.

Theories regarding the essential character of beauty in urban planning, tests by which it may be judged, and its relation to the human mind. Specific considerations of urban components from street lights to civic centers; urban landscaping, renewal, and the preservation of buildings; legislation designed to effect aesthetically pleasing environments. (Same as Fine Arts 351.)

Mathematics

The prospective mathematics student must have a mathematics placement test, conducted by the College, upon entrance.

To satisfy the distribution requirement of six hours of mathe-

matics, a student must complete satisfactorily two of the following courses: 110, 120, 130, 220, or just 230.

A concentration in mathematics requires satisfactory completion of Mathematics 310, 340, and 410 and at least fifteen additional credits in courses above the 200 level in this department.* Moreover, a mathematics major must satisfy one of the three Plans listed below. The Plans are:

- A. Three 300 or 400 level courses in mathematics in addition to the basic 24 credits stated above.
- B. A Collegiate Professional Certificate in secondary teaching of mathematics.
- C. Three 300 or 400 level courses in another discipline chosen by the student in consultation with his adviser. (An exception will be made in the case of Chemistry 301-302, which may be chosen to fulfill major requirements in this Plan.)

107. *Algebra with Business Applications*. Lectures three hours; three credits. Recommended prerequisite: one unit of high school algebra.

Concentrates on basic algebra including logarithms and sets, particularly as they apply to business finance and economic computations.

108. *Mathematics of Business Finance*. Lectures three hours; three credits. Prerequisite: one semester of college mathematics.

Emphasizes such practical business problems as simple interest and discounts, averaging methods, inventory evaluation, compound interest, annuities, and perpetuities.

110. *Fundamental Concepts of Mathematics*. Lectures three hours; three credits. Minimum prerequisite: one unit of high school algebra; acceptable score on placement test. A mathematics course for the non-science student; suitable for prospective elementary and secondary teachers.

Logic, sets, the development of our number systems, number bases, modular arithmetic, groups, introduction to algebra, graphing relations and functions, and introduction to statistics.

120. *Finite Mathematics*. Lectures three hours; three credits. Minimum prerequisite: one unit of high school algebra; acceptable score on placement test. A mathematics course for the non-science student; suitable for social scientists and business students.

Sets, trees, combinatorics, permutations, partitions, elementary probability, finite sample spaces, Markov chains, vectors, matrices, solutions of systems of

* Courses at the 100 and 200 level do not count among the hours counted in the major requirement. Hence, a student may present up to 42 hours in 300 and 400 level courses for a mathematics major. Note that only 24 are generally required.

linear equations, matrix operations, inversion of matrices, matrix games, graphs, digraphs.

130. Elementary Functions and Analytic Geometry. Lectures three hours; three credits. Prerequisite: two and a half years of high school mathematics; acceptable score on placement test.

A one semester course designed for the student planning to take calculus, but who has little or no knowledge of analytic geometry, trigonometry, and functions. Real numbers, inequalities, analytic geometry, linear and quadratic functions, polynomials and rational functions, trigonometric functions, trigonometric identities, and exponential and logarithmic functions.

220. Elementary Statistics. Both semesters; lectures three hours; three credits. Prerequisite: one semester of college mathematics. For social scientists and business students.

Basic methods of statistics with emphasis on applications, computational methods, and probability. Includes instruction in the use of desk calculators. (Same as Psychology 231.)

230. Calculus and Analytic Geometry. Lectures four hours; four credits. Prerequisite: three and a half years of high school mathematics; Math 130; or acceptable score on placement test.

An intuitive introduction to the calculus of elementary functions. Analytic geometry, functions, continuity, derivatives, methods of differentiation, the Mean Value Theorem, curve sketching, applications of the derivative, the definite integral, the Fundamental Theorems of Calculus, indefinite integrals, logarithmic and exponential functions, some techniques of integration, applications of the integral.

240. Intermediate Calculus. Lectures three hours; three credits. Prerequisite: Math 230 or acceptable score on placement test.

A rigorous treatment of limits, derivatives, and integrals. Sequences, series, and the differential geometry of curves.

245-246. Mathematics for Teachers. Continuous course; lectures three hours; three credits each semester. No prerequisite. May not be used to satisfy the mathematics/philosophy distribution requirement. Satisfies the mathematics requirement for State Certification for the elementary teacher.

The development of the complex number system beginning with natural numbers, computation with each number system, elementary algebra, elementary geometry, and simple probability.

310. Linear Algebra. Lectures three hours; three credits. Prerequisite: Math 230 or consent of the instructor.

Vector spaces over the real or complex field, linear independence, linear equations, bases and dimension, inner product spaces, linear transformations and matrices, determinants.

320. Ordinary Differential Equations. Lectures three hours; three credits. Prerequisite: Math 240 and 310.

An exposition of methods of solving linear systems of differential equations

as well as theorems on the existence and uniqueness of solutions. Approximation theorems.

330. Multivariable Calculus. Lectures three hours; three credits. Prerequisite: Math 240 or 230 with the consent of the instructor; co-requisite: Math 310.

An introductory, intuitive approach to the geometry of 3-space, partial derivatives, multiple integrals, applications of both, and differential equations.

340. Advanced Calculus. Lectures three hours; three credits. Prerequisite: Math 240 and 310; Math 330 is highly recommended.

Vectors, vector differential calculus, vector integral calculus in two and three dimensions, Green's, Stokes', and the Divergence Theorems, line and surface integrals.

350. Elementary Topics. Lectures three hours; three credits. Prerequisite: permission of the instructor and/or the chairman of the department, unless otherwise listed.

This course will usually consist of one of these topics: geometry, graph theory, lattice theory, logic, number theory, numerical analysis, partial differential equations, probability, set theory, or statistics. The exact course to be offered in any one semester and a description of the course will be found in the preregistration schedule for that semester.

360. Topics in Advanced Calculus. Lectures three hours; three credits. Prerequisite: Math 340.

A one semester course covering various topics in Advanced Calculus and Elementary Analysis. While the content of the course may vary from year to year, it is expected that it consist of some of the following topics: The real numbers, functions of bounded variation, Riemann-Stieltjes integration, sequences of functions, series of functions, Taylor series, Fourier series, uniform convergence, improper integrals, and differential geometry.

410. Abstract Algebra. Lectures three hours; three credits. Prerequisite: Math 310.

An introduction to algebraic structures; elementary number theory, groups, rings, homomorphism theorems, quotient structures, polynomial rings, fields.

450. Advanced Topics. Lectures three hours; three credits. Prerequisite: permission of the instructor and/or the chairman of the department, unless otherwise listed.

This course will usually consist of one of these topics: advanced differential equations, complex analysis, Galois theory, group representation theory, partial differential equations and potential theory, real analysis, ring theory, or topology. The exact course to be offered in any one semester and a description of the course will be found in the preregistration schedule for that semester.

Military Science Army

Available by arrangement with the Department of Military Science of the College of William and Mary, and offered on the Williamsburg campus. Preregistration forms may be obtained in the Office of the Registrar at Christopher Newport College.

Draft Deferments (1D) are available for ROTC students who have completed one semester of college.

Students may refer to the current catalogue from the College of William and Mary for more detailed information about the Reserve Officers' Training Corps.

101-102. Military Science I. Both semesters; lectures one hour, two hours leadership and management laboratory; one credit each semester.

A study of the concept of the reserve forces, the evolution of warfare from the prehistoric era to the present, with emphasis on the organization and inter-relationship of the Armed Forces as a part of United States policy.

200. American Military Development. Second semester; lectures three hours, two hours leadership and management laboratory; three credits.

The historical growth and development of the Army with principal emphasis on the American military experience, military theory and doctrine, principles of war, military professionalism, generalship, strategy, tactics, and logistics examined in a historical context.

201. Military Science II. First semester; lectures two hours, two hours leadership and management laboratory; two credits.

An analysis of American Military History with emphasis on principles of war, development of tactics, and evolution of the present military system.

202. Military Science II. Second semester; lectures two hours, two hours leadership and management laboratory; two credits.

A study of map and aerial photograph interpretation with primary attention given to the principles of military terrain evaluation and land navigation; the basic concepts of military operation and tactics.

300. American Civil-Military Relations. Second semester; lectures three hours, two hours leadership and management laboratory; three credits.

Theory of civil-military relations and their impact on the contemporary world scene. Emphasis placed on the extent to which these relations tend to affect the military security of society. Case studies of historical and contemporary military leadership and management.

***301. Military Science III.** First semester; lectures one hour, two hours leadership and management laboratory; one credit.

An analysis of the principles of leadership and management with special attention given to the psychological and sociological factors which relate to it; fundamentals of educational psychology and methods of instruction.

* Credit for MS 101, 102, 201 and 202 (Basic Course) is prerequisite—along with other requirements. In addition to MS 301, 302, 401 and 402 advanced ROTC students are required to take six semester credits which are not part of the normal requirement of their major field. These credits are to be selected in coordination with the Professor of Military Science and will be within the following general areas: Science comprehension, general psychology, effective communication, and political institutions.

302. Military Science III. Second semester; lectures three hours, two hours leadership and management laboratory; three credits.

A study of management and control of small unit operations; the role of each of the combat areas and supporting agencies with special emphasis given to small unit tactics and communication systems.

401. Military Science IV. First semester; lectures three hours, two hours leadership and management laboratory; three credits.

A treatment of the aspects of higher level management with special consideration given to administration, logistics, intelligence, and tactics at the level of the Army division and to the military legal system.

402. Military Science IV. Second semester; lectures one hour, two hours leadership and management laboratory; one credit.

A treatment of the aspects of higher level management with special consideration given to administration, logistics, intelligence, and tactics at the level of the Army division and to the military legal system.

Modern Languages

Students who enter Christopher Newport College with two or more units of a modern language and who wish to continue in the same language must take a placement examination in that language and shall enter the level of the language determined by the department. Any recent high school graduate who has had two or more units of a language in high school will not be allowed to take for credit the 101 level of that language. He may, however, elect to begin a different modern language or Latin.

Students may be considered to have satisfied the foreign language requirement by (1) completion of the 202 level of any given language, (2) a score of 560 or above on the Achievement Test in the respective foreign language administered by the College Entrance Examination Board, or (3) satisfactory performance on the departmental placement examination.

Students whose native language is not English will not be accepted for credit in the elementary course (101-102) of their native language. Placement in a higher level course will be determined after a conference with the instructor and also after the results of a placement test have been evaluated.

French

The major in French requires a minimum of thirty semester hours, including the following courses: French 251, 252, 301, 361 and either 481 or 482 plus fifteen hours of electives in the department. A student preparing to earn a Collegiate Professional Certificate is advised to include French 310 and 311 in his electives. Prior to practice teaching, the student will take the Materials and Methods course, 304, which does not apply towards the major.

The department recommends that cognate courses in English, history, philosophy, music and art be studied to support the major. The study of a second language is strongly recommended.

Unless otherwise specified, the prerequisite for all three-hundred and four-hundred level French courses is successful completion of French 251 or 252 or the consent of the instructor.

101-102. *Elementary French*. Continuous course; lectures four hours; four credits each semester.

An introduction to the French language, with emphasis on reading, writing, speaking, and listening comprehension.

201. *Intermediate French*. Lectures three hours; three credits. Prerequisite: French 101-102, or by placement examination.

A review of grammatical structure, with further development of reading, writing, speaking, and listening comprehension skills.

202. *Intermediate French*. Lectures three hours; three credits. Prerequisite: French 201 or by placement examination.

Selected readings from the literature of the nineteenth and the twentieth centuries. Lectures, discussions, and reports. Conducted chiefly in French.

251, 252. *Introduction to French Literature*. Lectures three hours; three credits each semester. Prerequisite: French 201-202 or the equivalent.

A survey of French literature, emphasizing the major writers and the dominant literary trends: first semester, from *La Chanson de Roland* to the end of the seventeenth century; second semester, from the eighteenth century to the present. Conducted chiefly in French.

301. *Grammar and Composition*. Lectures three hours; three credits. Prerequisite: French 202 or the equivalent.

Review of main principles of syntax. Composition, translation. Conducted chiefly in French.

302. *Conversation*. Lectures three hours; three credits. Prerequisite: French 202 or the equivalent.

The aim of this course is to develop greater fluency in speaking and writing idiomatic French. Phonetics; intensive oral-aural training. Conducted chiefly in French.

304. *Materials and Methods of Teaching Foreign Language in the Secondary School*. Lectures three hours; three credits. Prerequisites: Education 312 (Psychology) or Psychology 307 or 309, and fifteen credits in French or Spanish above the 202 level.

A study of established methods of instruction, involving aural, oral, and audio-visual approaches, uses of instrumentation, test construction and evaluation and applied linguistics in the language teaching situation.

310. *Practical French Phonetics*. Lectures three hours; three credits. Prerequisite: French 202 or its equivalent.

An intensive study of pronunciation, rhythm, intonation and the international phonetic alphabet designed to increase oral proficiency.

311. *French Civilization*. Lectures three hours; three credits. Prerequisite: French 201 or the equivalent.

A study of contemporary society and culture of France encompassing: geography, history, art, music and social customs.

361. *Seventeenth-Century French Drama*. Lectures three hours; three credits.

Analysis of selected plays by Corneille, Molière and Racine. Lectures will be in French.

362. *Seventeenth-Century French Prose and Poetry*. Lectures three hours; three credits.

A critical study of representative prose writers and poets. Special emphasis on the baroque poets, Malherbe, Pascal, Descartes, La Fontaine, Boileau and other major writers of the period. Lectures will be in French.

371. *Eighteenth-Century French Literature*. Lectures three hours; three credits.

Reading and analysis of the major works of the French Enlightenment. Developments in the novel and the theater of the period.

381. *Nineteenth-Century French Novel*. Lectures three hours; three credits.

A critical and historical study of prose fiction in the nineteenth century emphasizing major literary movements as seen in the novels of Chateaubriand, Hugo, Balzac, Flaubert, Stendhal and Zola.

382. *Nineteenth-Century French Poetry and Drama*. Lectures three hours; three credits.

Major emphasis on the primary movements in nineteenth century poetry from Romanticism to Symbolism. Accompanying study of the same movements in the drama of the period, as seen in the works of Hugo, Lamartine, Vigny, Musset, Baudelaire, Verlaine, Mallarmé.

451. *Medieval & Renaissance French Literature*. Lectures three hours; three credits.

A critical and historical study of the major literary works and trends from the *Chanson de Roland* to the *Essais* of Montaigne.

491. *Twentieth-Century French Novel*. Lectures three hours; three credits.

A critical and historical study of prose fiction in the twentieth century emphasizing the development of the genre as seen in the novels of Proust, Gide, Malraux, Mauriac, Sartre, Camus.

492. *Twentieth-Century French Poetry and Drama*. Lectures three hours; three credits.

A critical and historical study of the major poetic trends of the twentieth century as seen in the works of Apollinaire, Péguy, Claudel, Valéry, the Surrealists, and Prévert. Accompanying study of the drama of the period through the works of Claudel, Giraudoux, Anouilh, Cocteau, Sartre, Ionesco, Beckett.

499. *Special Topics in French Literature*. Seminar; three credits.

A seminar for seniors in major authors, literary concepts, genres and related subjects.

German

101-102. *Elementary German*. Continuous course; lectures four hours; four credits each semester.

An introduction to the German language, with emphasis on reading, writing, speaking, and listening comprehension.

201. *Intermediate German*. Lectures three hours; three credits. Prerequisite: German 101-102 or by placement examination.

A review of grammatical structures with further development of reading, writing, speaking, and listening comprehension skills.

202. *Intermediate German*. Lectures three hours; three credits. Prerequisite: German 201 or by placement examination.

Selected readings in German literature of the nineteenth and twentieth centuries. Lectures, discussions and reports. Conducted chiefly in German.

251, 252. *Introduction to German Literature*. Lectures three hours; three credits each semester. Prerequisite: German 201-202 or the equivalent.

A survey of German literature, emphasizing the major writers and the dominant literary trends; first semester from the sixteenth century to the Age of Goethe; second semester from 1800 to present. Conducted chiefly in German.

301. *Grammar and Composition*. Lectures three hours; three credits. Prerequisite: German 202 or the equivalent.

Review of main principles of syntax. Composition, translation. Conducted chiefly in German.

302. *Conversation*. Lectures three hours; three credits. Prerequisite: German 202 or the equivalent.

The aim of this course is to develop greater fluency in speaking and writing idiomatic German. Phonetics; intensive oral-aural training. Conducted chiefly in German.

Spanish

The major in Spanish requires a minimum of thirty semester hours, including the following courses: Spanish 251, 252, 301, 351, 352 and 463 plus twelve hours of electives in the department. A student preparing to earn a Collegiate Professional Certificate is advised to include 302 and 311 or 312 in his electives. Prior to practice teaching, the student will take the Materials and Methods course, 304, which does not apply towards the major.

The department recommends that cognate courses in English, history, philosophy, music and art be studied to support the major. The study of a second language is strongly recommended.

Unless otherwise specified, the prerequisite for all three-hundred and four-hundred level courses is successful completion of Spanish 251 or 252 or the consent of the instructor.

101-102. *Elementary Spanish*. Continuous course; lectures four hours; four credits each semester.

An introduction to the Spanish language, with emphasis on reading, writing, and listening comprehension.

201. *Intermediate Spanish*. Lectures three hours; three credits. Prerequisite: Spanish 101-102 or by placement examination.

A review of grammatical structure, with further development of reading, writing, speaking, and listening comprehension skills.

202. *Intermediate Spanish*. Lectures three hours; three credits. Prerequisite: Spanish 201 or by placement examination.

Selected readings from the literature of the nineteenth and twentieth centuries. Lectures, discussions, and reports. Conducted chiefly in Spanish.

251, 252. *Introduction to Spanish Literature*. Lectures three hours; three credits each semester. Prerequisite: Spanish 201-202 or the equivalent.

A survey of Spanish literature, emphasizing the major writers and the dominant literary trends; first semester from *El Cid* through the *Golden Age*; second semester from 1700 to the present.

301. *Grammar and Composition*. Lectures three hours; three credits. Prerequisite: Spanish 202 or the equivalent.

Review of main principles of syntax. Composition, translation. Conducted chiefly in Spanish.

302. *Conversation*. Lectures three hours; three credits. Prerequisite: Spanish 202 or the equivalent.

The aim of this course is to develop greater fluency in speaking and writing idiomatic Spanish. Phonetics; intensive oral-aural training. Conducted chiefly in Spanish.

304. *Materials and Methods of Teaching Foreign Language in the Secondary School*. Lectures three hours; three credits. Prerequisites: Education 312 (Psychology) or Psychology 307 or 309, and fifteen credits in French or Spanish above the 202 level.

A study of established methods of instruction, involving aural, oral, and audio-visual approaches, uses of instrumentation, test construction and evaluation and applied linguistics in the language teaching situation.

311. *Spanish Civilization*. Lectures three hours; three credits. Prerequisite: Spanish 201 or the equivalent.

A study of contemporary society and culture of Spain encompassing geography, history, art, music and social customs.

312. *Spanish-American Civilization*. Lectures three hours; three credits. Prerequisite: Spanish 201 or the equivalent.

A study of contemporary society and culture of the Spanish-American countries encompassing geography, history, art, music and social customs.

351, 352. *Introduction to Spanish-American Literature*. Lectures three hours; three credits each semester.

A survey of Spanish-American literature, emphasizing the major writers and the dominant literary trends; first semester from the colonial period to Modernismo; second semester from Modernismo to the present. Lectures will be in Spanish.

363. *Drama of the Golden Age*. Lectures three hours; three credits.

Detailed study of the drama of the Golden Age; Lope de Vega, Cervantes, Tirso de Molina, Ruiz de Alarcón and Calderón de la Barca. Lectures will be in Spanish.

364. *The Novel and Poetry of the Golden Age*. Lectures three hours; three credits.

Major emphasis on the picaresque novel and the development of poetic expression from Garcilaso to Góngora.

391. *The Generation of '98*. Lectures three hours; three credits.

Representative figures include Unamuno, Azorín and Baroja.

392. *Twentieth-Century Spanish Literature*. Lectures three hours; three credits.

Contemporary studies in the genres of poetry, drama, and the novel.

393. *Modernismo*. Lectures three hours; three credits. Prerequisite: Spanish 351 or 352 or the equivalent.

A critical and historical study of the poetry and prose of the Modernistas.

394. *Twentieth-Century Spanish-American Literature*. Lectures three hours; three credits. Prerequisite: Spanish 351 or 352 or the equivalent.

Critical and historical study of representative works of the twentieth century.

463. *Cervantes*. Lectures three hours; three credits.

Cervantes, his life and works. Major emphasis on *Don Quixote*.

499. *Special Topics in Spanish Literature*. Seminar; three credits.

A seminar for seniors in major authors, literary concepts, genres and related subjects.

Music

201, 202. *Introduction to Music* (History and Appreciation). Lectures two hours, listening and quiz one hour; three credits each semester.

This course traces the development of the art of music through the various historical periods, and familiarizes the student with the more important composers and their works. A synopsis of style, form, and theory is included. First semester surveys the eighteenth and nineteenth centuries; second semester covers ancient Greece through the Baroque, and briefly surveys the twentieth century.

Philosophy

In cooperation with the Philosophy Department at William and Mary, the College offers a major in philosophy. The student may take courses in philosophy offered at Williamsburg with the approval of the chairman of the department. The minimum concentration is thirty hours in philosophy. No set sequence of courses is prescribed.

However, the student should become acquainted with the history of thought, various alternative methods of thinking, modern philosophers, and contemporary philosophical issues.

101. *Elementary Logic*. First semester; lectures three hours; three credits.

An introduction to the logical aspects of reasoning, argument, fallacies, deduction, induction, and problems of meaning.

102. *Introduction to Philosophic Inquiry*. Second semester; lectures three hours; three credits.

An introduction to the main problems of philosophy, and its methods of inquiry, analysis, and criticism.

201. *The History of Philosophy*. First semester; lectures three hours; three credits.

An historical introduction to philosophy with special readings in the pre-socratics, Plato, Aristotle, the Stoics and Epicureans, St. Thomas Aquinas, and others. The nature of philosophy and basic philosophic problems will be discussed through these writers as well as their political and cultural settings.

202. *The History of Philosophy*. Second semester; lectures three hours; three credits. Prerequisite: Philosophy 201 or consent of instructor.

An historical introduction to modern philosophy with readings in Descartes, Spinoza, Locke, Berkeley, Hume and others. The philosophical writings of these men will be studied not only for their own worth, but as a means of acquainting the student with the nature of philosophy and the basic philosophical quest. Some time will be given to the political and cultural milieu out of which these philosophies came.

301. *Intermediate Logic*. First semester; lectures three hours; three credits. (Not offered in 1972-73.)

A study of the principles of valid reasoning with special emphasis on modern symbolic techniques.

302. *Advanced Logic*. Second semester; lectures three hours; three credits. (Not offered in 1972-73.)

A continuation of Philosophy 301.

304. *Theory of Knowledge*. Second semester; lectures three hours; three credits.

An examination of philosophical theories about such topics as the nature and criteria of truth, perception and cognition, meaning, knowledge, and the validation of belief.

305. *Ethics*. First semester; lectures three hours; three credits.

The critical analysis of ethical theories, from the pleasure-philosophies of the ancient Greeks to the happiness-ethic of Aristotle and the recommendation of duty by Kant.

307. *Contemporary Philosophy*. First semester; lectures three hours; three credits.

An examination of philosophical thought during the twentieth century with

selected readings from the works of existentialists, analytic philosophers, and others. Jean-Paul Sartre and Bertrand Russell will be among those studied.

308. *Philosophy of Religion*. Second semester; lectures three hours; three credits.

The philosophical study of religion, with reference to the critical analysis of religious experience, various features in world religions, and theological doctrines.

Physical Education

Men's Athletics

The Department of Athletics for Men is sanctioned by the National Association of Intercollegiate Athletics. Representative teams of the College include basketball, golf, tennis, and track which are members of the Dixie Intercollegiate Athletic Conference and Virginia College Athletic Association.

All decisions relative to athletics are the responsibility of the President of the College. His final action on athletic matters shall be based upon his personal experience and knowledge, the recommendations of the Athletic Advisory Committee, and the advice of the Director of Athletics.

Women's Athletics

Sports for women are sanctioned by the Virginia Federation for Intercollegiate Sports for Women and include basketball and hockey which will be played on a club basis during the 1972-73 seasons.

The responsibility and supervision of the program follows the same pattern as the Men's Athletics.

Intramurals

An intramural program is offered for both men and women under the sponsorship and supervision of the Physical Education Department and Women's Recreation Association. Recreational activities are offered for those skilled and unskilled, but mainly for those who cannot compete on the varsity level, and wish to pursue development of those skills acquired in the physical education program.

Men's Activities—Flag Football, Basketball, Tennis, Golf, Softball, Free Throw Basketball, and Three Man Basketball

Women's Activities—Gymnastics, Tennis, Softball, Basketball, and Field Hockey

Coeducational Activities—Badminton, Volleyball, Table Tennis, Horseshoes, Archery, and Tennis

Health, Physical Education, and Recreation

Basic Requirements in Physical Education

Two semesters of activities courses are required for the Associate or Bachelor degree. No more than four semester credits earned in activities courses may be counted toward a degree, and course credit may not be duplicated.

Each one credit activities course (with quality point credit) meets three hours weekly for one semester. A medical form is required of all incoming students. Uniform regulations are dependent upon the nature of the activity.

Men's Activity Courses

Students who lack motor fitness are advised to complete the course in Physical Conditioning. Any student whose physical activities must be restricted is placed in a physical conditioning class which has the proper motor activities designed to improve fitness and movement skills in accordance with individual needs. A student may repeat P.E. 101; however, no other course may be repeated without the permission of the Chairman of the Department of Health, Physical Education, and Recreation.

Virginia Teaching Certification

Presently, a student may take enough hours to be certified to teach in the following areas: Elementary and Secondary Physical Education, Health Education, Driver Training, Coaching, and to obtain recreation jobs in schools, cities, camps, etc. At this time a student will not be able to get a degree in Physical Education, but must do so in another field. Early consultation with advisers in the Health and Physical Education Department is recommended as to developments in this area.

Adapted Activities

101. Physical Conditioning

Team Sports

102. Soccer and Weight Training

103. Basketball and Volleyball

120/Physical Education

Individual and Dual Sports

- 105. Bowling and Golf
- 106. Gymnastics
- 107. Track and Weight Training
- 108. Wrestling
- 109. Badminton and Tennis

Women's Activities Courses

Dance

- 150. Beginning Modern Dance
- 151. Intermediate Modern Dance

Team Sports

- 155. Hockey and Basketball
- 156. Softball and Volleyball
- 157. Soccer and Volleyball

Individual and Dual Sports

- 160. Bowling and Golf
- 161. Gymnastics

Adapted Activities

- 165. Adapted Activities
- 166. Conditioning and Activities

Co-educational Activities Courses

Dance

- 170. Folk and Square Dancing

Individual Sports

- 175. Archery and Badminton
- 176. Bowling and Archery
- 177. Badminton and Tennis
- 178. Golf and Bowling

Elective Courses

The following courses may be used as elective credits toward a degree at Christopher Newport College or presented for transfer to colleges offering a degree in Physical Education. These courses may certify a person to teach Health and Physical Education on the secondary or elementary level and Driver Training or Coaching on the secondary level.



191. *Personal and Community Health.* Second semester; lectures two hours; two credits.

Designed to develop knowledge, understanding, and desirable health attitudes related to personal and community health.

212. *Theory and Fundamentals of Swimming and Gymnastics.* First semester; lectures and lab four hours; three credits. Offered on alternate years beginning in fall of 1972.

Theory, practice, coaching methods, and officiating.

213. *Theory and Fundamentals of Field Hockey or Football and Basketball.* First semester; lectures and lab four hours; three credits. Offered on alternate years beginning in fall of 1972.

Theory, practice, coaching methods, and officiating.

305. *Camping and Recreation.* Second semester; lectures and lab four hours; two credits.

Development of skills and leadership in camping and recreational activities. Field trips and overnight camping will be a course requirement.

308. *Safety Education and First Aid.* First semester; lectures three hours; three credits.

This course is designed to develop a knowledge and attitudes concerning the safety aspects of all areas of activity in the home, school, and community. This course should be taken along with P.E. 317 for Driver Training certification in the state of Virginia. Standard Red Cross First Aid requirements are incorporated into this course.

309. *History, Principles, and Introduction to Health, Physical Education, and Recreation.* First semester; lectures three hours; three credits.

A study of the basic biological, psychological, and sociological contributions of physical education in various societies. Past and present surveys of the origin and nature of these areas will be studied.

315. *Sports Officiating.* First semester; lectures and lab four hours; two credits.

Study and analysis of rules and officiating techniques. A minimum number of contact hours of practical experience in supervised officiating in the intramural, city recreation, and Y.M.C.A. league is required.

317. *Driver Education.* Second semester; lectures three hours; three credits. Prerequisite: Virginia driver's license.

Classroom instruction combined with road training, observation, and teaching of driving to beginners on a multiple car range. Knowledge and experience in the use of a simulator and other audio-visual aids will be required.

318. *Rhythms, Movement Education, and Activities on the Elementary School Level.* Second semester; lectures and lab four hours; three credits. Offered on alternate years beginning in Spring 1973.

Practice in skills and physical education activities for the elementary school classroom teacher and physical education specialist. Included are analysis of movement, games, and activities suitable for the elementary school child.

321. *Foundations of Health.* Both semesters; lectures three hours; three credits.

The role of the classroom teacher in the school health program. A survey of State Department publications and other resource material will be used. This course is suggested for those who seek Virginia State Certification as a teacher.

409. *Kinesiology.* Second semester; lectures three hours; three credits. Prerequisite: Biology 101-102 and 213. Offered on alternate years beginning in Spring 1973.

A study of the principles of human motion, anatomical and mechanical analysis of individual skills in physical education activities.

410. *Methods and Materials in Health and Physical Education on the Secondary Level.* Second semester; lectures three hours; three credits.

Class procedures, review of methods and materials used in the health and physical education programs on the secondary level.

Physics

101-102. *General Physics.* Continuous course; lectures four hours, laboratory two and one-half hours; four credits each semester. Prerequisite: Mathematics 230 (may be taken concurrently with permission of the instructor).

Survey course in physics for science, mathematics or engineering students. First semester: mechanics, heat, and sound. Second semester: electricity, light, and modern physics.

103-104. *Elementary Physics.* Continuous course; lectures four hours, laboratory two and one-half hours; four credits each semester.

Survey course in physics recommended for non-science majors. Satisfies distribution requirements in field of science.

Political Science

The Department of Political Science offers the Bachelor of Arts Degree to students who are seeking a broad background for understanding public affairs in several fields: comparative government, international relations, political theory, public law, and public administration. The Bachelor of Arts Degree requires a minimum of thirty credit hours,¹ including the following courses: Political Science 102 and Political Science 491 or Political Science 496. The remaining courses should be selected in consultation with the student's adviser.

The Department of Political Science in cooperation with other departments of the College offers the Bachelor of Science Degree in Governmental Administration. This degree is interdisciplinary in its core requirements and offers specialties, at the option of the student, in urban management, law enforcement, corrections, and urban development planning.* This degree is designed to serve the need for college graduates who possess broad understanding and specialized skills in the administration of urban environments. Urban specialists are employed by local, state, and national governments as well as private foundations and institutions.

102. *The American Political Process.* Both semesters; lectures and discussions three hours; three credits.

An introduction to the study of the processes and problems of policy-making in American democracy. Consideration is given to the role of executive, legislative, judicial, and administrative institutions as well as parties and interest groups as dynamic components in the policy-making system.

201. *Comparative Politics.* Lectures and discussions three hours; three credits.

A comparative study of selected Western and non-Western countries in terms of structural and functional characteristics, the interaction of political sys-

¹The student may elect not to count the introductory courses (Political Science 102 and 201, or 221 or 231) among the hours counted in his major requirement. If he so elects, he must declare his intention to the Registrar prior to the completion of ninety semester credits.

*The specific requirements for distribution courses, core courses, and specialty courses are on page 66.

terms in their environment, and the responses to the pressures of change in the process of development.

221. *State and Local Government.* Lectures and discussions three hours; three credits.

A survey of the structure, functions, and issues of state and local governments in the United States, including problems of distribution of power within the federalism.

231. *Constitutional Interpretation and the Political Process.* Lectures and discussions three hours; three credits.

An examination of Supreme Court cases and other materials in considering the interaction between the judiciary and other instrumentalities, such as the federal system, political parties, the Presidency, legislature, bureaucracy, church-state relations, and interest group activities.

302. *Public Finance.* Second semester; lectures and discussions three hours; three credits. Prerequisite: Economics 201-202.

The nature and application of the fundamental principles which apply to the obtaining, managing, and disbursing of the funds necessary for the performance of governmental functions at the local, state, and federal levels. The American tax system is given detailed consideration. (Same as Economics 302.)

321. *International Relations.* Lectures and discussions three hours; three credits.

Fundamental ingredients of international politics and an examination of the structure of the international system. Includes the role of the state as a political actor, the inter-relationship to one another and the major problems of the contemporary period.

331. *Introduction to Urban Planning.* Lectures and discussions three hours; three credits.

Examines the general nature of urban planning and its development in the United States, including a survey of the problems with which planning seeks to cope.

334. *Theory of Planning.* Lectures and discussions three hours; three credits.

Examines the planning process, planning as an art and as a science, and considers the community goal-setting activity. Leading planning theories are investigated and their relevance to urban areas of the 1970's is explored.

337. *Techniques of Planning.* Lectures and discussions three hours; three credits.

In-depth survey of several planning techniques for specific urban planning problems. The use of computer systems in planning.

342. *Crime Control and Community Relations.* Lectures and discussions three hours; three credits.

Examines the factors which bear on community support of public agencies responsible for crime control and the corrections of offenders. The roles of the police administrator, prosecutor, judge and corrections administrator are treated, as are the effects of the civil rights and anti-war movements and instances of civil disobedience.

346. *Politics of Criminal Justice Administration.* Lectures and discussions three hours; three credits.

Deals with major issues related to all phases of the criminal justice process including: Law enforcement versus order maintenance; local versus state control of law enforcement; limits of the criminal sanction; control of organized crime; the legitimacy of public protest; administrative efficiency versus the rule of law; selective enforcement and prosecution; plea bargaining; the symbolic nature of the criminal trial; capital punishment; community-based corrections; and public employment of ex-offenders.

352. *Modern Political Behavior.* Lectures and discussions three hours; three credits.

The uses of science in analysis of political behavior; various research techniques; and a survey of approaches to political behavior such as political power, political symbols, functionalism, coalition building, and post-behavioral existentialism.

358. *Political Thought and Criticism.* Lectures and discussions three hours; three credits.

A critical analysis of the central and pervasive issues of normative political theory with the view of clarifying such concepts as natural law, the state, freedom, social contract, equality, and the nature of history in the political philosophy of representative thinkers of the pre-contemporary period.

359. *Recent Political Ideas and Values.* Lectures and discussions three hours; three credits.

An analysis of political concepts, such as power, authority, liberty, equality, justice, rights, and political obligation in the writings of contemporary political theorists.

361. *Functions and Policies of American Government.* Lectures and discussions three hours; three credits.

An investigation of the processes of policy-making and interpretation of various factors which affect the formation and execution of American public policy such as fiscal, regulation of business, health, welfare.

363. *Law and Public Policy.* Lectures and discussions three hours; three credits.

A treatment of civil, political, and environmental legal rights as they relate to such policy areas as the security of persons, education, administration of criminal justice, employment, housing, public accommodations, health and welfare services, and pollution problems.

371. *Public Administration.* Lectures and discussions three hours; three credits.

Survey of administrative organization; organization theory; administrative behavior; politics and administration; personnel and budgetary processes; administrative responsibility.

381. *Public Personnel Administration.* Lectures and discussions three hours; three credits.

Principles and functions of personnel administration in the public service: recruitment, placement, wage and salary administration, training, retirement benefits.

391. *Governmental Budgeting*. Lectures and discussions three hours; three credits.

Basic concepts, principles, and practices in governmental budgeting; the interrelation of planning, programming, and budgeting.

401. *Public Management*. Lectures and discussions three hours; three credits.

An examination of perspectives, problems, and processes of the executive function of directing managerial-administrative organization; structural design; human factors in organizing; elements of decision-making; leadership and communication; the main lines of organizational theory.

406. *Trial Court Administration*. Lectures and discussions three hours; three credits.

Focus is on judicial responsibility for management and the duties of the trained court executive, including budget execution, management of physical court facilities, information service, intergovernmental relations assistance, jury administrative services, statistical management.

440. *Planning Administration*. Lectures and discussions three hours; three credits.

Investigation of the legal tools of planning (zoning, sub-division regulations, etc.), theories of coordination and levels of planning. Examination of types of planning administration and levels of administration.

445. *Planning and Design*. Lectures and discussions three hours each semester, six hours; six credits.

Laboratory exercises in sub-division, commercial and landscaping design. Development of an individualized planning project, including analysis of a specific planning problem and provision for its solution.

451. *Urban Government and Politics*. Lectures and discussions three hours; three credits.

Survey of modern urban political ecology, forms, and styles of urban government, reform movements, metropolitics, urban riots, cities versus the states, politics of urban development and decay, survivability of urban systems.

461. *The Politics of Urban Planning*. Lectures and discussions three hours; three credits.

The emergence of urban planning; its theoretical base; analysis of the planning process as a part of the urban political process; the range and form of urban planning, including pollution control, new towns, comprehensive planning and advocacy planning; the problems and potential of planning in democratic political systems.

468. *Criminal Justice Planning*. Lectures and discussions three hours; three credits.

Examines the impact of federal financial aid to state and local law enforcement agencies and the responses of the American states and localities to this aid. Treats the influence of interstate variances in social, economic, and political areas on law enforcement planning. Focus is on the systems approach to planning in accordance with procedures and guidelines established by the U.S. Department of Justice (LEAA), and on procedures of state planning agencies related to the administration of discretionary and action grants and projects.

491. *Practicum in Governmental Administration*. Three credits. Senior standing required.

Internship with a governmental agency in law enforcement, corrections, planning, or general administration. Periodic conferences, written evaluations, and research project.

496. *Special Topics in Political Science*. Seminar; three credits. Senior standing required.

Individual study on an approved project; discussion and critique on methods of research.

Psychology

The aims of the psychology program are to acquaint students with the body of knowledge in psychology and to teach them how to apply this knowledge usefully and responsibly. The department is organized to enable the major student to survey the entire field of psychology and to learn how to use the tools of psychological research.

Some students majoring in psychology will go on to graduate study; others will find opportunities to work in other areas such as personnel, as case workers in welfare departments, as probation officers, as teachers in the areas of early childhood education, or in special education.

General requirements for the B.S. and B.A. degrees: All psychology majors will be asked to complete thirty credits in psychology.* Three of these credits must be Psychology 201: *Principles of Psychology*. Fifteen hours must be Psychology 301, 302: *Experimental Psychology* (8 hours), Psychology 231: *Statistical Applications in Social Science Research* (3 hours), and Psychology 409, 410: *Senior Seminar* (4 hours). Of the remaining twelve credits, nine hours must be in junior- and senior-level courses and at least three of these in a senior-level course.

Special requirement for B.S. degree: One additional semester course in a laboratory science in the student's field of interest beyond the requirements already listed for the B.S. degree in the section on Distribution Requirements.

Normal program for concentration: Sophomore year 201, 202, 231; Junior year 301, 302, electives; Senior year at least five hours each semester (one course and one seminar).

Psychology majors may elect to earn certification in Social Welfare. Refer to description of program in Sociology Department. The student must coordinate his or her program with the Social Welfare adviser in that department as well as the major adviser.

* The student may elect not to count the introductory courses (Psychology 201, 202, 203) among the hours counted in his major requirement. If he so elects, he must declare his intention to the Registrar prior to the completion of ninety semester credits.

Majors who wish to develop a specialty in Criminal Justice (corrections) should coordinate his or her program with the Criminal Justice program director in the Political Science Department as well as the major adviser. Refer to description of program in Political Science Department listings.

Psychology 201 is the prerequisite for all courses listed below. Prerequisite for all 400-level courses is completion of required 300-level courses or evidence of maturity in psychology as judged by the instructor.

201. Principles of Psychology. Both semesters; lectures three hours; three credits.

Basic principles of behavior according to the categories of general psychology; motivation, learning, maturation, emotion, thinking, perception, intelligence, and the organization of personality.

202. Contemporary Psychology. Both semesters; seminars three hours; three credits.

A continuation of the introduction to psychology through the study of original literature in various fields.

203. Psychology of Adjustment. Second semester; lectures three hours; three credits.

An examination of research and literature concerning the interaction between the individual and persons and events in his bio-social environment. The problems of daily living will be emphasized.

231. Statistical Applications in Social Science Research. First semester; lectures two hours, laboratory three hours; three credits. Prerequisites: a minimum of three hours of college mathematics and Psychology 201 (its equivalent or demonstrated proficiency in psychology).

Descriptive and inferential statistics including analysis of variance and correlation. Emphasis on basic principles of psychophysics and psychometric functions and their relation to theory of test construction and research design. (Same as Math 220.)

301. Experimental Psychology. First semester; lectures three hours, laboratory four hours; four credits. Prerequisite: Psychology 231. Psychology 231 may, with the consent of the instructor, be taken concurrently.

A comprehensive study of the scientific method and different approaches to behavioral research. Collateral readings and experiments, emphasizing experimental analysis of behavior principles, will be assigned to further explicate the scientific method.

302. Experimental Psychology. Second semester; hours to be arranged; four credits. Prerequisite: Psychology 231 and 301.

Each student is responsible for designing and conducting research, either original or replicated, under the direction of the instructor. He may be requested to make an oral defense of his work.

303. Industrial Psychology. First semester; lectures three hours; three credits.

A study of how the psychologist functions in areas of recruitment, selection, training, placement, evaluation, management, supervision, human relations, and human engineering as well as the knowledge and methods currently available about human behavior in such situations.

304. Social Psychology. First semester; lectures three hours; three credits.

A study of the individual in group situations and the interaction of the individual and his environment in a great variety of circumstances. Emphasis on psychology of prejudice, attitudes, and groups.

305. Psychology of Learning. First semester; lectures three hours; three credits.

A study of the principles of human and animal learning, retention, and problem-solving with consideration also given to methods of investigation and recent theories of learning.

306. Introduction to Tests and Measurements. Second semester; lectures three hours; three credits.

Theory and history of the most widely used tests of achievement, of personality, and of intelligence.

Students may take only two of the following three courses for credit: 307, 308, 309.

307. Developmental Psychology. Both semesters; lectures three hours; three credits.

A study of data and theory concerning the development of the individual from infancy to maturity, including cognitive, physiological, and affective processes.

308. Child Psychology. First semester; lectures three hours; three credits.

The biological, social, and emotional factors influencing the normal growth and development of the child from birth to adolescence.

309. Psychology of Adolescence. Second semester; lectures three hours; three credits.

The development of the child from pre-adolescence through senescence, presenting theories of adolescence in light of experimental data.

312. Educational Psychology. Both semesters; lectures three hours; three credits. This is the same course as Education 312.

The application of psychological facts, principles, and methods to learning in the classroom, including skill development in evaluation of student performance as an aid to learning and teaching.

313. Human Relations in Organizations. Second semester; lectures three hours; three credits.

An opportunity for skill development in human relations through the utilization of such techniques as the leaderless group discussion and role playing.

314. Introduction to Personality. First semester; lectures three hours; three credits.

Individual differences in personality dynamics and various interpretations of personality development.

401. *History of Psychology*. Second semester; lectures three hours; three credits.

From Aristotle to the present with special emphasis on the nineteenth and twentieth centuries.

403. *Abnormal Psychology*. Second semester; lectures three hours; three credits.

A survey of behavior pathology emphasizing the neuroses and the functional psychoses and their relationship to current conceptions of normal personality functioning.

404. *Physiological Psychology*. First semester; lectures three hours; three credits.

A general information course designed to account for the various behavioral phenomena in terms of known and inferred physiological mechanisms.

405. *Psychology of Motivation*. Second semester; lectures three hours; three credits.

A study of motivation of behavior, emphasizing such concepts as drive, need, incentive, frustration, and anxiety as well as the relationships of motivation to learning and perception with appropriate theoretical consideration and experimental demonstrations.

406. *Psychology of Perception*. First semester; lectures three hours; three credits.

The sensory and perceptual processes of individual differences with consideration given to psychophysical and scaling methods.

407, 408. *Psychology of the Exceptional Child*. Lectures three hours, laboratory to be arranged; four credits each semester. Prerequisite: Psychology 307 or 308.

The psychological development of children with physical, emotional, educational, social, and intellectual deviations as well as intellectual and personality development, evaluation, and communication problems. During the first semester emphasis will be on psychological aspects of physical disability. During the second semester intellectual deviations, learning disabilities, and the problem of the brain-damaged child will be stressed.

409, 410. *Senior Seminar*. Both semesters; seminars two hours; two credits each semester. Prerequisite: Completion of required junior-level courses.

Topical seminars to cover a variety of areas: perception, animal learning, human learning, language and thought, psychological testing, and great psychologists. Senior concentrators are required to take two seminars. These seminars are limited to senior concentrators.

411. *Research*. Both semesters; hours to be arranged; credit according to work undertaken. Prerequisite: Senior psychology major.

Independent study which may consist of bibliographic or experimental research.

Sociology

A major in sociology consists of thirty-three credit hours. A student majoring in sociology may choose one of two plans to follow.

These are:

1. For those interested in studying sociology to broaden understanding of the nature of human society, as a part of a liberal education. Courses should include Sociology 391, *Social Statistics*; Sociology 392, *Methods of Social Research*; and either Sociology 470, *Topical Seminar in Sociology* or Sociology 492, *Independent Research*. Students planning to continue their academic work in sociology in graduate school are also advised to take Sociology 421, *Social Theory*. The remaining hours should be chosen according to the student's interests.

2. For those planning to enter community service, such as social welfare, probation, community action programs, or planning to go to graduate school in Social Work. Required courses include Sociology 367, *The Social Welfare Institution*; Sociology 368, *Community Analysis*; Sociology 467, *Introduction to Social Work*; and Sociology 468, *Field Placement in Social Work*. Supporting courses in sociology, psychology, and political science will be recommended according to the individual student's interests in the field. Students meeting these conditions will satisfy the criteria set forth by the National Council on Social Work Education for certification (accreditation in process of being requested).

Sociology 200 is prerequisite for any further course in sociology. Students choosing to elect sociology to satisfy the social science distribution requirement should take Sociology 200 plus any additional 200-level course in the department.

200. *Introduction to Sociology*. Each semester; lectures three hours; three credits.

An introduction to the study of human society including concepts of culture, socialization, role and status, stratification, social organization, institutions, social change.

203. *Introduction to Anthropology*. First semester; lectures three hours; three credits. Not offered 1972-73.

An introduction to the field of anthropology. Particular attention will be given to the problems of human origins and development, both physical and cultural.

204. *Cultural Anthropology*. Second semester; lectures three hours; three credits.

The application of the concept of culture to the study of contemporary societies, both primitive and modern. Such institutional areas as magic and ritual, crime, custom, and law; economy; courtship, marriage and family patterns will be analyzed cross-culturally.

220. *Social Problems*. Second semester; lectures three hours; three credits.

Analysis of the social problems of an industrial, technological society.

222. *Marriage and the Family*. Second semester; lectures three hours; three credits.

Study of the American family structure in comparison with other selected cultures. Interrelation of family institutions to other parts of the social structure. Analysis of courtship, marriage, and family relationships.

225. *Racial and Cultural Minorities*. First semester; lectures three hours; three credits.

A study of minority problems and race issues in the modern world; problems of integration; trends of change.

304. *Culture and Personality*. Second semester; lectures three hours; three credits.

Survey of cross-cultural materials dealing with personality development in various cultures and the socialization process; relationship of culture to normal and abnormal personality development.

319. *Deviant Behavior*. First semester; lectures three hours; three credits.

An analysis of deviant behavior, including such areas as mental illness, suicide, alcohol and drug addiction, and sexual deviancy.

321. *Crime and Delinquency*. First semester; lectures three hours; three credits.

The nature and extent of crime and delinquency; emphasis upon contemporary theories of causation; examination of correctional programs.

361. *Population Analysis*. First semester; lectures three hours; three credits.

Analysis of population growth, distribution, birth rates, death rates, migration, and bio-social and sociocultural composition of the population. Sources of data, techniques and methods of analysis.

367. *The Social Welfare Institution*. First semester; lectures three hours; three credits.

History, philosophy and issues of the social welfare system. Study of the relationship of welfare to industrialization, urbanization and other institutions.

368. *Community Analysis*. Second semester; lectures three hours; three credits.

Methods and techniques for the study of the urban community for the social service worker. Open only to students enrolled in the social welfare program.

391. *Social Statistics*. First semester; lectures three hours, laboratory two hours; three credits.

Statistical techniques used in sociological research.

392. *Methods of Social Research*. Second semester; lectures three hours; three credits. Prerequisite: Sociology 391.

Topics covered include differentiation between values and hypotheses, the logic of causal analysis, and the descriptions of, and practice in using current sociological techniques.

421. *Social Theory*. First semester; lectures three hours; three credits.

The development of sociological thought during the nineteenth and twentieth centuries. Current writings in sociological theory.

422. *Social Stratification*. Second semester; lectures three hours; three credits.

Analysis of social structure and stratification in terms of class, status, rank and function.

426. *Black-White Relations*. Second semester; three hours; three credits.

Institutional and demographic variations among black and white Americans examined in a context of ideological as well as structural change; consequences of racial prejudice and discrimination for black personality and social structure. Special attention will be devoted to the patterns of urbanization among black Americans.

431. *Urban Sociology*. First semester; lectures three hours; three credits.

Consideration of urban structures from both the ecological and social perspectives. Analysis of urban trends and problems.

432. *Industrial Sociology*. Second semester; lectures three hours; three credits.

The sociological study of industrialization with emphasis on industrial bureaucracy, major industrial work roles, the work group, and union-management relations.

467. *Introduction to Social Work*. First semester; lectures three hours; three credits.

Social work in urbanized society. Emphasis on evolving philosophy and techniques of casework, group work and community organization. Open only to students enrolled in the social work program with Sociology 367 and 368 as prerequisites.

468. *Field Placement in Social Work*. Each semester; three credits.

Field experience with directed engagement in social service activities and evaluation of same. Student must announce his intent to enroll in the practicum at least one month before the semester begins to ensure placement. Open only to students who have completed 367, 368 and 467 (or registered in 467 concurrently) in the social work program.

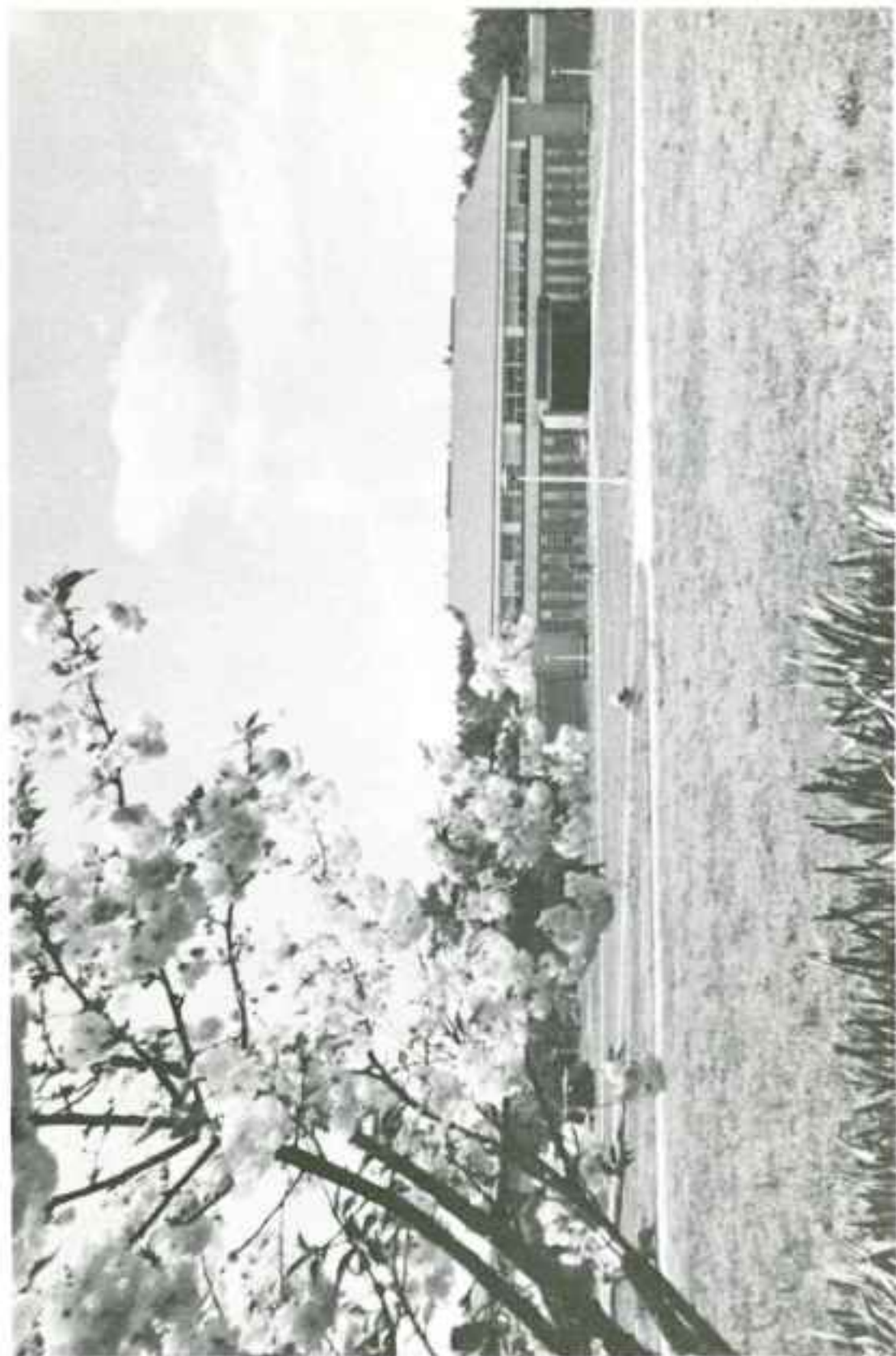
470. *Topical Seminar in Sociology*. Each semester; three credits.

Open to majors of senior standing. Seniors from related majors may enroll by permission of department chairman.

490. *Readings in Sociology*. Each semester; three credits.

In-depth reading in a chosen subject under the direction of a staff member. Subject must be decided upon and permission of instructor secured before registration, as number will be limited.

492. *Independent Research*. Second semester; three credits. Prerequisite: completion of Sociology 391, 392, and senior standing. Students who intend to take 492 are advised to enroll in 490 the first semester to read in the area of proposed research.



Index

	Page		Page
Absences from Classes and from College	51	Corrections	69
Absence from Final Examination..	53	Correspondence Courses, Credit for	62
Academic Deficiency	58	Counseling and Personnel Services	26
Academic Policies	48	Course Numbering System	80
Accounting	84	Courses of Instruction	80
Add/Drop Period	50	Course Offerings in the Evenings	78
Administration, Officers of	8	Course Offerings in the Summer..	78
Admissions to Classified Status	29	Credit from Other Institutions ...	62
Admissions to Unclassified Status..	34	Criminal Justice	68
Advanced Placement and Credit ..	33	Data Processing	91
Advising Program	48	Dean's List	56
Aims and Purposes	18	Declaration of Major	55
Ancient Language	87	Degrees, General Requirements	
Associate in Arts Degree	73	Associate	73
Athletic Activities	24	Baccalaureate	60
Auditors	36, 50	Distribution Requirements.....	62
Bachelor of Arts Degree	62	Dropping Courses	50
Bachelor of Science Degree	62	Duplication of Degree	62
Bachelor of Science Degree in Business Administration	65	Economics	93
Bachelor of Science Degree in Governmental Administration ..	66	Education	95
Bachelor of Science Degree in Management Information Science	69	Employment, Student	27, 46
Biology	80	English Language and Literature..	98
Board of Visitors	8	Evaluation of Transfer Credits....	62
Bridge and Tunnel Tickets	39	Evening and Saturday Curriculum.	78
Buildings	19	Examinations	52
Business	83	Expenses	37
Calendar, College	5	Extension Courses, Credit for	62
Certification of Teachers	96, 119	Faculty	9
Changes in Registration	50	Faculty Advisers	48
Chemistry	86	Faculty Committees	15, 24
Cinema	90	Fees and Expenses	37
Classical Studies	87	Final Examinations	52
Classification of Students	55	Financial Assistance	41
Clubs	25	Fine Arts	102
College-Level Examination Program	33, 62	Foreign Languages	
College Regulations	48	Ancient	87
Committees of the Faculty	15, 24	Modern	111
Communications	88	French	111
Computer Studies	91	Geography	102
Concentration	61	German	114
Continuance in College	56	Government	123
Continuing Education Unit	79	Grading, System of	53
Continuing Studies	78	Health and Physical Education ..	118
Cooperative Distribution Courses ..	92	History of the College	17
Cooperative Distribution Program.	76	History	103
		Honor Council	24
		Humanities	106
		Journalism	90
		Latin	87

	Page		Page
Law Enforcement	46, 68	Reports to Parents	56
Library	20	Requirements for Degrees	60
Major, Choice of	61	Residence Requirements for	
Major, Declaration of	55	Degrees	61, 73
Management Information Science	69	Residence Requirements, State ...	38
Map of Campus	2	Scholarships and Loans	41
Mathematics	106	Secondary Education	95
Military Science, Army	109	Social Welfare Certification	131
Modern Languages	111	Sociology	130
Music	116	Spanish	114
Normal Academic Load	48	Special Programs	78
Numbering of Courses	80	Special Students	34, 55
Officers of the College	8	Speech	89
Out-of-state Students, Tuition Fee	38	Student Activities	24
Parking Regulations	23	Student Dress	23
Part-time Employment	27, 46	Student Employment	27, 46
Part-time Students	49	Student Government	24
Philosophy	116	Student Life	23
Physical Education Electives	120	Student Organizations	25
Physical Education for Men	118	Student Personnel Services	26
Physical Education for Women	118	Student Publications	26
Physics	122	Student, Out-of-state	38
Placement Service	27	Student Responsibilities	23
Placement Tests	48	Student Rights	23
Political Science	123	Summer Session	78
Pre-registration	49	Summer Study Elsewhere	62
Probation, Academic	58	Suspension, Academic	58
Program Planning	48	Teacher Certification	96, 119
Psychology	127	Theatre	89
Publications, Student	26	Transcripts	56
Reading	90	Transfer Students	31, 62
Readmission	52	Tuition Charges	38
Refunds	40	Unclassified Students	34, 55
Registration	49	Urban Management	68
Registration, Changes in	50	Urban Planning	68
Reinstatement after Suspension	58	Veterans	47
Repeated Courses	55	Withdrawal from College	52