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ABSTRACT

This document presents a report of associate, bachelor's, master's, and doctoral degrees conferred by colleges and universities in Virginia between July 1, 1971 and June 30, 1972. In summary, the number of bachelor's and advanced degrees conferred by all Virginia accredited institutions of higher education totalled 20,576. Of this total, the state-controlled institutions conferred 76.5% (15,740) and the privately controlled institutions conferred 23.5% (4,836). Of the 20,576 bachelor's degrees and advanced degrees conferred by all Virginia accredited institutions, bachelor's degrees accounted for 15,767, first professional degrees 890, master's degrees 3,588 and doctor's degrees 331. (Author/HS)

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STATE COUNCIL OF HIGHER  
EDUCATION FOR VIRGINIA

ED 077345

# DEGREES CONFERRED

Virginia Public and Private Institutions of Higher Education, 'u

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Public and Private Institutions of Higher Education, 1971-72

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November, 1972

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STATE COUNCIL OF HIGHER  
EDUCATION FOR VIRGINIA

# DEGREES CONFERRED

Virginia Public and Private Institutions of Higher Education

**COUNCIL OF HIGHER  
EDUCATION FOR VIRGINIA**

# **DEGREES CONFERRED**

**Public and Private Institutions of Higher Education, 1971-72**

## STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION

### Four-Year Colleges and Universities:

Christopher Newport College of The College  
of William and Mary  
Clinch Valley College of University of Virginia  
George Mason College of University of Virginia  
Longwood College  
Madison College  
Mary Washington College of University of Virginia  
Norfolk State College  
Old Dominion University  
Radford College  
University of Virginia  
Virginia Commonwealth University  
Virginia Military Institute  
Virginia Polytechnic Institute and State University  
Virginia State College  
The College of William and Mary

### Community Colleges:

Blue Ridge Community College  
Central Virginia Community College  
Dabney S. Lancaster Community College  
Danville Community College  
Eastern Shore Community College  
Germananna Community College  
John Tyler Community College  
Lord Fairfax Community College  
New River Community College  
Northern Virginia Community College  
Patrick Henry Community College  
Paul D. Camp Community College  
Southside Virginia Community College  
Southwest Virginia Community College  
Thomas Nelson Community College  
Tidewater Community College  
Virginia Highlands Community College  
Virginia Western Community College  
Wytheville Community College

### Two-Year Branch College:

Richard Bland College of The College  
of William and Mary

# PRIVATELY CONTROLLED INSTITUTIONS OF HIGHER EDUCATION

## Four-Year Colleges and Universities:

Averett College  
Bridgewater College  
Eastern Mennonite College  
Emory and Henry College  
Hampden-Sydney College  
Hampton Institute  
Hollins College  
Institute of Textile Technology  
Lynchburg College  
Mary Baldwin College  
Presbyterian School of Christian Education  
Protestant Episcopal Theological Seminary  
in Virginia  
Randolph-Macon College

Randolph-Macon Woman's College  
Roanoke College  
Saint Paul's College  
Shenandoah College and Conservatory  
of Music  
Strafford College  
Sweet Briar College  
Union Theological Seminary in Virginia  
University of Richmond  
Virginia Intermont College  
Virginia Union University  
Virginia Wesleyan College  
Washington and Lee University

## Two-Year Colleges:

Bluefield College  
Ferrum Junior College  
Marymount College of Virginia

Southern Seminary Junior College  
Sullins College



## LIST OF TABLES

### SECTION I--STATE-CONTROLLED COLLEGES AND UNIVERSITIES

Table

- |   |  |
|---|--|
| 1 | Trends in Bachelor's and Higher Degrees Conferred by All Virginia State-Controlled Institutions and by All Institutions of Higher Education in the United States by Level, from 1968-69 to 1971-72 |
| 2 | Total Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Education, 1971-72  |
| 3 | Total Bachelor's and Higher Degrees Conferred by All Virginia State-Controlled Institutions of Higher Education by Level, Sex, and Major Field of Study, 1971-72                                   |
| 4 | Total Bachelor's and Higher Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Education by Major Field of Study, 1971-72  |
| 5 | Associate Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Education and Sex, 1971-72  |
| 6 | Total Collegiate Professional Certificates (High School Endorsement) Earned in All Virginia State-Controlled Institutions of Higher Education by Degree Level, Sex, and Teaching Field, 1971-72    |
| 7 | Total Collegiate Professional Certificates (High School Endorsement) Earned in Individual Virginia State-Controlled Institutions of Higher Education by Teaching Field, 1971-72                    |

## LIST OF TABLES

### SECTION I--STATE-CONTROLLED COLLEGES AND UNIVERSITIES

	Page
Higher Degrees Conferred by All Virginia State-Controlled Institutions of Higher Education in the United States by Level, from 1968-69 to 1971-72	6
Higher Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Education by Level,	7
Higher Degrees Conferred by All Virginia State-Controlled Institutions of Higher Education and Major Field of Study, 1971-72	8
Higher Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Education by Major Field of Study, 1971-72	9
Higher Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Education by Type	10
Professional Certificates (High School Endorsement) Earned in All Virginia State-Controlled Institutions of Higher Education by Degree Level, Sex, and Teaching Field, 1971-72	11
Professional Certificates (High School Endorsement) Earned in Individual Virginia State-Controlled Institutions of Higher Education by Teaching Field, 1971-72	12

## LIST OF TABLES (Continued)

### STATE-CONTROLLED COLLEGES AND UNIVERSITIES (Continued)

Table

Appendix

- A Total Bachelor's Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Education by Sex and Major Field of Study, 1971-72
- B Total First Professional, Master's, and Doctor's Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Education by Sex and Major Field of Study, 1971-72
- C Total Collegiate Professional Certificates (High School Endorsement) Earned in Individual Virginia State-Controlled Institutions of Higher Education by Degree Level, Sex, and Teaching Field, 1971-72

### SECTION II--PRIVATELY CONTROLLED COLLEGES AND UNIVERSITIES

- 1 Total Degrees Conferred by Virginia Privately Controlled Institutions of Higher Education by Degree Level, Sex, and Major Field of Study, 1971-72
- 2 Total Bachelor's and Higher Degrees Conferred by Individual Virginia Privately Controlled Institutions of Higher Education by Major Field of Study, 1971-72

## LIST OF TABLES (Continued)

### STATE-CONTROLLED COLLEGES AND UNIVERSITIES (Continued)

	Page
High Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Education by Field of Study, 1971-72	14
Professional, Master's, and Doctor's Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Education by Sex and Major Field of Study, 1971-72	24
Professional Certificates (High School Endorsement) Earned in Individual Virginia State- Controlled Institutions of Higher Education by Degree Level, Sex, and Teaching Field, 1971-72	34
SECTION II--PRIVATELY CONTROLLED COLLEGES AND UNIVERSITIES	
High Degrees Conferred by Virginia Privately Controlled Institutions of Higher Education by Level of Degree,	39
High Degrees Conferred by Individual Virginia Privately Controlled Institutions of Higher Education by Major Field of Study, 1971-72	40

## HIGHLIGHTS OF DEGREES CONFERRED 1971-72

### ALL INSTITUTIONS

The number of bachelor's and advanced degrees conferred by all Virginia accredited institutions of higher education totaled 20,576. Of this total, the state-controlled institutions conferred 76.5 per cent (15,740) and the privately controlled institutions conferred 23.5 per cent (4,836).

Of the 20,576 bachelor's and advanced degrees conferred by all Virginia accredited institutions of higher education, bachelor's degrees accounted for 15,767, first professional degrees 890, master's degrees 3,588 and doctor's degrees 331.

### STATE-CONTROLLED INSTITUTIONS

The number of bachelor's and advanced degrees conferred by Virginia state-controlled institutions of higher education increased from 14,428 to 15,740, a gain of 9.1 per cent compared with a 12.2 per cent increase from 1969-70 to 1970-71.

First professional and master's degrees showed the largest percentage increases, 12.5 and 12.9 per cent respectively, while bachelor's degrees increased 8.6 per cent from 1970-71 to 1971-72. Doctor's degrees decreased 10.6 per cent from 1970-71.

Men received 54.9 per cent of all bachelor's and advanced degrees. The per cent of men receiving degrees by level ranged from 50.8 per cent at the bachelor's level to 94.3 per cent at the first professional level.

Women earned more than half of all degrees conferred in area studies, education, fine and applied arts, foreign languages, home economics, letters, library science, mathematics, nursing, other health professions, and public affairs and services.

## HIGHLIGHTS OF DEGREES CONFERRED 1971-72 (Cont O

### STATE-CONTROLLED INSTITUTIONS (Continued)

Five fields of study accounted for almost two-thirds (66.1 per cent) of all bachelor's and advanced degrees conferred in 1971-72. In descending order, they were education (26.8 per cent), social sciences (14.2 per cent), business and management (11.2 per cent), engineering (7.0 per cent), and letters (6.9 per cent).

Six institutions (University of Virginia, Virginia Polytechnic Institute and State University, Virginia Commonwealth University, Old Dominion, William and Mary, and Radford) awarded over three-fourths (75.7 per cent) of all degrees conferred by the state-controlled colleges and universities.

Six fields of study (social sciences, English, physical education, mathematics, natural sciences, and business education) accounted for over two-thirds (66.8 per cent) of all Collegiate Professional (High School Endorsement) earned in state-controlled institutions in 1971-72.

The Community College System awarded 2,354 degrees. This was an increase of 40.1 per cent over 1970-71. The associate in applied sciences numbered 1,354 degrees and the associate in arts numbered 937.

### PRIVATELY CONTROLLED INSTITUTIONS

Of the 4,836 bachelor's and advanced degrees conferred by Virginia privately controlled institutions of higher education, bachelor's degrees accounted for 86.6 per cent (4,188), first professional degrees 4.2 per cent (206), master's degrees 9.1 per cent (439), and doctor's degrees 0.1 per cent (3).

Four fields of study accounted for almost two-thirds (66.8 per cent) of all bachelor's and advanced degrees conferred in 1971-72. In descending order, they were social sciences (25.4 per cent), education (17.2 per cent), business and management (12.2 per cent), and letters (10.7 per cent).

## OF DEGREES CONFERRED 1971-72 (Continued)

### STATE-CONTROLLED INSTITUTIONS (Continued)

accounted for almost two-thirds (66.1 per cent) of all bachelor's and advanced degrees conferred in descending order, they were education (14.2 per cent), social sciences (14.2 per cent), management (11.2 per cent), engineering (6.9 per cent), and letters (6.9 per cent).

Six fields of study (social sciences, English, health and physical education, mathematics, natural sciences, and business education) accounted for over two-thirds (66.8 per cent) of all Collegiate Professional Certificates (High School Endorsement) earned in state-controlled institutions in 1971-72.

University of Virginia, Virginia Polytechnic State University, Virginia Commonwealth University, William and Mary, and the College of William and Mary conferred over three-fourths (75.7 per cent) of all bachelor's and advanced degrees conferred by the state-controlled colleges

The Community College System awarded 2,291 associate degrees. This was an increase of 40.1 per cent over 1970-71. The associate in applied science accounted for 1,354 degrees and the associate in arts and sciences numbered 937.

### PRIVATELY CONTROLLED INSTITUTIONS

of bachelor's and advanced degrees conferred in privately controlled institutions of higher education. Bachelor's degrees accounted for 86.6 per cent, professional degrees 4.2 per cent (206), master's degrees 4.2 per cent (439), and doctor's degrees 4.2 per cent (439).

Four fields of study accounted for almost two-thirds (65.6 per cent) of all bachelor's and advanced degrees conferred in 1971-72. In descending order, they were social sciences (25.4 per cent), education (17.3 per cent), business and management (12.2 per cent), and letters (10.7 per cent).

# INTRODUCTION

## Background

American colleges and universities confer associate, bachelor's, master's, and doctor's degrees to recognize the successful completion of a prescribed course of study. Virginia's accredited institutions of higher education follow this pattern by providing programs in a wide variety of academic and professional fields leading to each of these degrees. The State Council of Higher Education presents its eighth annual report of degrees conferred by these colleges and universities as one index of their responsiveness to the needs of the State and of the nation.

Data on degrees conferred in 1971-72 were obtained from information submitted to the Council by the Virginia institutions of higher education as part of the U. S. Office of Education's "Higher Education General Information Survey, 1972-73." (Form OE-2300-2.1, "Degrees and Other Formal Awards Conferred Between July 1, 1971 and June 30, 1972").

Information about the number and distribution of high school teaching certificates was obtained from the State Council's inventory of "Degrees Qualifying for the Secondary Collegiate Professional Teaching Certificate Conferred Between July 1, 1971 and June 30, 1972" (Form C-2 7/72).

## Explanation of Data

Degrees conferred are reported by five-levels (associate, bachelor's, first professional, master's, and doctor's), major fields of study, and the sex of the degree recipients. Definitions of degree levels as used in this report are presented on page 2.

Collegiate Professional Certificates (High School Endorsement) are summarized according to the high school subject fields specified in the State Board of Education's 1968 "Certification Regulations for Teachers."

Section I, State-Controlled Colleges and Universities, Tables 1 through 5 summarize all degrees conferred by Virginia state-controlled institutions of higher education by institution, level, sex, and major field of study. Tables 6 and 7 summarize the Collegiate Professional Certificates (High School Endorsement) earned in Virginia state-controlled institutions. Appendixes A and B present a detailed breakdown of the degrees conferred in 1971-72 for each major field of study by level, institution, and sex. Appendix C reports the number of Collegiate Professional Certificates (High School Endorsement) earned in individual state-controlled institutions by degree level, sex, and teaching field in 1971-72.

Section II, Privately Controlled Colleges and Universities, Tables 1 and 2 summarize all degrees conferred by Virginia privately controlled institutions of higher education by institution, level, and major field of study.



## DEFINITIONS

### Associate Degree\*

A degree awarded upon completion of at least two but less than four years of work beyond high school. In Virginia the degrees of Associate in Arts and Associate in Science are based on work that is wholly or chiefly creditable towards a bachelor's degree. The degree of Associate in Applied Science is based on work in one of the occupational-technical fields and is designed to prepare for immediate employment.

### Bachelor's Degree

A degree granted upon completion of an educational program requiring at least four but not more than five years of academic work in the liberal arts, sciences, and professional fields.

### Collegiate Professional Certificate\*\*

A five-year renewable certificate which is granted an applicant who has earned a bachelor's degree from an accredited college or university and has completed the general requirements (including general education), professional education, and specific endorsement requirements (elementary, high school, or special education) as established by the State Board of Education.

### Doctor's Degree

The highest academic degree in a given discipline or profession, based generally on (a) three or more years of graduate work, (b) satisfaction of a foreign language requirement, and (c) completion of a special study issuing in a dissertation approved by a committee of the

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\*Degree definitions adapted from (1) U. S. Office of Education Higher Education General Information Survey, 1972-73 (Instructions for Form OE-2300-2.1, "Degrees and Other Formal Awards Conferred Between July 1, 1971 and June 30, 1972") and (2) Joint Committee on Data and Definitions in Higher Education Sponsored by the American Association of Collegiate Registrars and Admissions Officers, 1962.

\*\*Definition of State Board of Education, "Certification Regulations for Teachers and Qualifications for Administrative, Supervisory, and Related Instructional Positions," July, 1968, Page 1.

## DEFINITIONS (Continued)

### Doctor's Degree (Continued)

faculty. (Doctor's degrees included in this report are the Doctor of Education (Ed.D.), Doctor of Philosophy (Ph.D.), and Doctor of Science (D.Sc.) degrees.)

### First Professional Degree

A degree which signifies the completion of the academic requirements for a selected profession, which is based on an educational program which requires at least two academic years of previous college work for entrance and which requires a total of at least six academic years of college work for completion. (First professional degrees included in this report are the Bach-

### First Professional Degree (Continued)

elor of Laws (LL.B.), Doctor of Dental Surgery (D.D.S.), Doctor of Medicine (M.D.), and Juris Doctor (J.D.).)

### Master's Degree

A degree customarily granted upon successful completion of one (sometimes two) academic years of work in the liberal arts and sciences beyond the bachelor's degree. The master's degree in professional fields is an advanced degree beyond the first professional but below the Ph.D. degree, such as Master of Laws (LL.M.). (Master's degrees in hospital administration and social work are included in the master's degree category in this report.)

**SECTION I**

**STATE-CONTROLLED COLLEGES  
AND UNIVERSITIES**

Table 1--TRENDS IN BACHELOR'S AND HIGHER DEGREES CONFERRED BY ALL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION AND BY ALL INSTITUTIONS OF HIGHER EDUCATION IN THE UNITED STATES BY LEVEL, FROM 1968-69 TO 1971-72

DEGREES BY LEVEL	1968-69	1969-70		1970-71		1971-72	
	Number	Number	Per Cent Increase Over 1968-69	Number	Per Cent Increase Over 1969-70	Number	Per Cent Increase Over 1970-71
<b>BACHELOR'S DEGREES</b>							
Virginia State-Controlled Institutions	8,963	9,841	9.8	10,663	8.4	11,579	8.6
Institutions in United States	734,002	798,070	8.7	846,110	6.0	*	*
<b>FIRST PROFESSIONAL DEGREES</b>							
Virginia State-Controlled Institutions	534	468	-12.4	608	29.9	684	12.5
Institutions in United States	35,681	35,252	-1.2	38,276	8.6	*	*
<b>MASTER'S DEGREES</b>							
Virginia State-Controlled Institutions	1,977	2,254	14.0	2,790	23.8	3,149	12.9
Institutions in United States	194,414	209,387	7.7	231,486	10.6	*	*
<b>DOCTOR'S DEGREES</b>							
Virginia State-Controlled Institutions	255	299	17.3	367	22.7	328	-10.6
Institutions in United States	26,189	29,872	14.1	32,113	7.5	*	*
<b>TOTAL DEGREES</b>							
Virginia State-Controlled Institutions	11,729	12,862	9.7	14,428	12.2	15,740	9.1
Institutions in United States	990,286	1,072,581	8.3	1,147,985	7.0	*	*

\*Data not yet available from U. S. Office of Education.

Sources of Data: U. S. Office of Education, National Center for Educational Statistics, Advance Information Letter dated September 15, 1972.

Table 2--TOTAL DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY LEVEL, 1971-72

INSTITUTION	ASSOCIATE		BACHELOR'S		FIRST PROFESSIONAL		MASTER'S		DOCTOR'S		TOTAL DEGREES	
	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total
<b>FOUR-YEAR</b>												
C. Newport College of Wm. & Mary	17	0.6	151	1.3	--	--	--	--	--	--	168	0.9
Cl. Valley College of U. Va.	--	--	107	0.9	--	--	--	--	--	--	107	0.6
Geo. Mason College of U. Va.	--	--	444	3.8	--	--	67	2.1	--	--	511	2.8
Longwood College	--	--	392	3.4	--	--	22	0.7	--	--	414	2.2
Madison College	--	--	833	7.2	--	--	98	3.1	--	--	931	5.0
Mary Washington College of U. Va.	--	--	367	3.2	--	--	--	--	--	--	367	2.0
Norfolk State College	36	1.3	494	4.3	--	--	--	--	--	--	530	2.9
Old Dominion University	71	2.7	1,143	9.9	--	--	326	10.4	--	--	1,540	8.3
Radford College	--	--	841	7.3	--	--	186	5.9	--	--	1,027	5.6
University of Virginia	--	--	1,517	13.1	415	60.7	1,182	37.5	181	55.2	3,295	17.9
Virginia Commonwealth University	136	5.1	1,607	13.9	210	30.7	383	12.2	16	4.9	2,352	12.8
Virginia Military Institute	--	--	234	2.0	--	--	--	--	--	--	234	1.3
VPI and State University	--	--	2,182	18.8	--	--	385	12.2	114	34.7	2,681	14.5
Virginia State College	--	--	424	3.6	--	--	197	6.3	--	--	621	3.4
William and Mary	--	--	843	7.3	59	8.6	303	9.6	17	5.2	1,222	6.6
<b>TOTAL FOUR-YEAR</b>	<b>260</b>	<b>9.7</b>	<b>11,579</b>	<b>100.0</b>	<b>684</b>	<b>100.0</b>	<b>3,149</b>	<b>100.0</b>	<b>328</b>	<b>100.0</b>	<b>16,000</b>	<b>86.8</b>
<b>TWO-YEAR</b>												
<u>Virginia Community College System:</u>												
Blue Ridge	93	3.5	--	--	--	--	--	--	--	--	93	0.5
Central Virginia	132	4.9	--	--	--	--	--	--	--	--	132	0.7
Dabney S. Lancaster	82	3.1	--	--	--	--	--	--	--	--	82	0.4
Danville	141	5.2	--	--	--	--	--	--	--	--	141	0.8
Eastern Shore	7	0.3	--	--	--	--	--	--	--	--	7	0.0
Germanna	51	1.9	--	--	--	--	--	--	--	--	51	0.3
John Tyler	138	5.1	--	--	--	--	--	--	--	--	138	0.7
Lord Fairfax	84	3.1	--	--	--	--	--	--	--	--	84	0.5
New River	35	1.3	--	--	--	--	--	--	--	--	35	0.2
Northern Virginia	576	21.4	--	--	--	--	--	--	--	--	576	3.1
Patrick Henry	29	1.1	--	--	--	--	--	--	--	--	29	0.2
Paul D. Camp	1	0.0	--	--	--	--	--	--	--	--	1	0.0
Southside Virginia	28	1.0	--	--	--	--	--	--	--	--	28	0.2
Southwest Virginia	120	4.5	--	--	--	--	--	--	--	--	120	0.7
Thomas Nelson	187	7.0	--	--	--	--	--	--	--	--	187	1.0
Tidewater	132	4.9	--	--	--	--	--	--	--	--	132	0.7
Virginia Highlands	53	2.0	--	--	--	--	--	--	--	--	53	0.3
Virginia Western	238	8.8	--	--	--	--	--	--	--	--	238	1.3
Wytheville	164	6.1	--	--	--	--	--	--	--	--	164	0.9
<b>TOTAL COMMUNITY COLLEGES</b>	<b>2,291</b>	<b>85.2</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>2,291</b>	<b>12.5</b>
<u>Affiliated with The College of William and Mary:</u>												
Richard Bland	137	5.1	--	--	--	--	--	--	--	--	137	0.7
<b>TOTAL ALL TWO-YEAR COLLEGES</b>	<b>2,428</b>	<b>90.3</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>2,428</b>	<b>13.2</b>
<b>ALL INSTITUTIONS</b>	<b>2,688</b>	<b>100.0</b>	<b>11,579</b>	<b>100.0</b>	<b>684</b>	<b>100.0</b>	<b>3,149</b>	<b>100.0</b>	<b>328</b>	<b>100.0</b>	<b>18,428</b>	<b>100.0</b>

Table 3--TOTAL BACHELOR'S AND HIGHER DEGREES CONFERRED BY ALL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY LEVEL, SEX, AND MAJOR FIELD OF STUDY, 1971-72

MAJOR FIELD OF STUDY	BACHELOR'S			FIRST PROFESSIONAL			MASTER'S			DOCTOR'S			TOTAL DEGREES		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Agriculture and Natural Resources	156	11	167	--	--	--	33	--	33	15	--	15	204	11	215
Architecture and Environmental Design	111	2	113	--	--	--	40	4	44	--	--	--	151	6	157
Area Studies	5	30	35	--	--	--	--	--	--	--	--	--	5	30	35
Biological Sciences	322	224	546	--	--	--	49	36	85	39	10	49	410	270	680
Business and Management	1,174	226	1,400	--	--	--	350	13	363	4	--	4	1,528	239	1,767
Communications	27	22	49	--	--	--	--	--	--	--	--	--	27	22	49
Computer and Information Sciences	14	--	14	--	--	--	11	1	12	--	--	--	25	1	26
Education	506	2,062	2,568	--	--	--	708	890	1,598	41	10	51	1,255	2,962	4,217
Engineering	838	6	844	--	--	--	182	3	185	66	--	66	1,086	9	1,095
Fin. and Applied Arts	133	330	463	--	--	--	21	22	43	--	--	--	154	352	506
Foreign Languages	44	198	242	--	--	--	7	15	22	2	2	4	53	215	268
Health Professions:															
Dentistry	--	--	--	76	1	77	--	--	--	--	--	--	76	1	77
Medicine	--	--	--	202	17	219	--	--	--	--	--	--	202	17	219
Nursing	3	242	245	--	--	--	--	7	7	--	--	--	3	249	252
Pharmacy	48	18	66	--	--	--	1	--	1	--	--	--	49	18	67
Other Health Professions	26	132	158	--	--	--	51	58	109	--	--	--	77	190	267
Home Economics	1	201	202	--	--	--	3	20	23	--	--	--	4	221	225
Low	--	--	--	367	21	388	16	--	16	4	--	4	387	21	408
Letters	396	506	902	--	--	--	64	98	162	17	2	19	477	606	1,083
Library Science	--	40	40	--	--	--	--	--	--	--	--	--	--	40	40
Mathematics	153	235	388	--	--	--	31	21	52	19	--	19	203	256	459
Physical Sciences	188	53	241	--	--	--	70	16	86	63	4	67	321	73	394
Psychology	291	262	553	--	--	--	31	27	58	4	--	4	326	289	615
Public Affairs and Services	87	136	223	--	--	--	35	41	76	--	--	--	122	177	299
Social Sciences	1,292	754	2,046	--	--	--	118	52	170	25	1	26	1,435	807	2,242
Interdisciplinary Studies	66	8	74	--	--	--	2	2	4	--	--	--	68	10	78
ALL MAJOR FIELDS	5,881	5,698	11,579	645	39	684	1,823	1,326	3,149	299	29	328	8,648	7,092	15,740
Per Cent of Total Degrees	37.4	36.2	73.6	4.1	0.2	4.3	11.6	8.4	20.0	1.9	0.2	2.1	54.9	45.1	100.0

Table 4--TOTAL BACHELOR'S AND HIGHER DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY MAJOR FIELD OF STUDY, 1971-72

MAJOR FIELD OF STUDY	INSTITUTION															
	C. Newport	Cl. Valley	Geo. Mason	Langwood	Madison	MWC	Norfolk State	ODU	Rodford	U. Va.	VCU	VMI	VPI & SU	Va. State	Wm. & Mary	All Institutions
Agriculture and Natural Resources	--	--	--	--	--	--	--	--	--	--	--	--	206	9	--	215
Architecture and Environmental Design	--	--	--	--	--	--	--	--	--	72	--	--	85	--	--	157
Area Studies	--	--	--	--	1	29	--	--	--	4	--	--	1	--	--	35
Biological Sciences	8	5	36	26	38	25	15	46	21	9	71	23	154	31	82	680
Business and Management	53	35	78	--	70	--	76	220	37	226	290	--	410	77	193	1,767
Communications	--	--	--	--	--	--	--	--	6	--	43	--	--	--	--	49
Computer and Information Sciences	--	--	--	--	--	--	--	--	--	12	--	--	14	--	--	26
Education	--	31	169	209	482	--	245	523	481	774	456	--	289	342	216	4,217
Engineering	--	--	--	--	--	--	7	72	--	277	--	74	665	--	--	1,095
Fine and Applied Arts	--	--	--	23	15	50	--	19	59	31	225	--	21	4	59	506
Foreign Languages	--	6	14	17	20	17	8	35	21	45	5	7	19	5	49	268
Health Professions:																
Dentistry	--	--	--	--	--	--	--	--	--	--	77	--	--	--	--	77
Medicine	--	--	--	--	--	--	--	--	--	86	133	--	--	--	--	219
Nursing	--	--	--	--	--	--	--	21	--	131	100	--	--	--	--	252
Pharmacy	--	--	--	--	--	--	--	--	--	--	67	--	--	--	--	67
Other Health Professions	--	--	--	3	7	9	1	38	--	41	168	--	--	--	--	267
Home Economics	--	--	--	14	23	--	--	--	49	--	--	--	129	10	--	225
Low	--	--	--	--	--	--	--	--	--	349	--	--	--	--	59	408
Letters	14	4	50	51	52	44	16	110	74	337	71	31	110	15	104	1,083
Library Science	--	--	--	--	26	--	--	--	9	--	--	--	--	5	--	40
Mathematics	--	12	18	19	31	26	20	50	82	45	19	11	74	28	44	459
Physical Sciences	--	4	8	5	18	8	6	42	5	63	26	14	93	19	83	394
Psychology	22	--	35	7	23	48	8	79	51	108	92	--	68	10	64	615
Public Affairs and Services	--	--	6	--	29	5	21	--	--	5	221	--	12	--	--	299
Social Sciences	54	10	97	40	96	106	71	234	131	539	152	74	304	66	268	2,242
Interdisciplinary Studies	--	--	--	--	--	--	--	--	1	49	--	--	27	--	1	78
ALL MAJOR FIELDS	151	107	511	414	931	367	494	1,469	1,027	3,295	2,216	234	2,681	621	1,222	15,740
Per Cent of Total Degrees	1.0	0.7	3.2	2.6	6.0	2.3	3.1	9.3	6.5	21.0	14.1	1.5	17.0	3.9	7.8	100.0

Table 5--ASSOCIATE DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY TYPE AND SEX, 1971-72

INSTITUTION	ASSOCIATE IN APPLIED SCIENCE			ASSOCIATE IN ARTS AND SCIENCES			TOTAL ASSOCIATE DEGREES			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Per Cent of Total
<b>FOUR-YEAR</b>										
C. Newport College of Wm. & Mary	--	--	--	10	7	17	10	7	17	0.6
Norfolk State College	--	--	--	12	24	36	12	24	36	1.3
Old Dominion University	--	--	--	40	31	71	40	31	71	2.7
Virginia Commonwealth University	1	4	5	97	34	131	98	38	136	5.1
<b>TOTAL FOUR-YEAR</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>159</b>	<b>96</b>	<b>255</b>	<b>160</b>	<b>100</b>	<b>260</b>	<b>9.7</b>
<b>TWO-YEAR</b>										
<u>Virginia Community College System:</u>										
Blue Ridge	39	13	52	33	8	41	72	21	93	3.4
Central Virginia	30	41	71	40	21	61	70	62	132	4.9
Dabnev S. Lancaster	44	12	56	16	10	26	60	22	82	3.1
Danville	57	15	72	43	26	69	100	41	141	5.2
Eastern Shore	--	--	--	5	2	7	5	2	7	0.3
Germanna	13	26	39	5	7	12	18	33	51	1.9
John Tyler	80	30	110	21	7	28	101	37	138	5.1
Lord Fairfax	31	18	49	28	7	35	59	25	84	3.1
New River	7	6	13	16	6	22	23	12	35	1.3
Northern Virginia	231	143	374	136	66	202	367	209	576	21.4
Patrick Henry	1	12	13	6	10	16	7	22	29	1.1
Paul D. Camp	--	--	--	--	1	1	--	1	1	0.0
Southside Virginia	11	9	20	3	5	8	14	14	28	1.0
Southwest Virginia	30	12	42	37	41	78	67	53	120	4.5
Thomas Nelson	82	52	134	30	23	53	112	75	187	7.0
Tidewater	32	31	63	43	26	69	75	57	132	4.9
Virginia Highlands	8	12	20	13	20	33	21	32	53	2.0
Virginia Western	100	42	142	64	32	96	164	74	238	8.9
Wytheville	42	42	84	54	26	80	96	68	164	6.1
<b>TOTAL COMMUNITY COLLEGES</b>	<b>838</b>	<b>516</b>	<b>1,354</b>	<b>593</b>	<b>344</b>	<b>937</b>	<b>1,431</b>	<b>860</b>	<b>2,291</b>	<b>85.2</b>
<u>Affiliated with The College of William and Mary:</u>										
Richard Bland	--	--	--	79	58	137	79	58	137	5.1
<b>TOTAL TWO-YEAR</b>	<b>838</b>	<b>516</b>	<b>1,354</b>	<b>672</b>	<b>402</b>	<b>1,074</b>	<b>1,510</b>	<b>918</b>	<b>2,428</b>	<b>90.3</b>
<b>ALL INSTITUTIONS</b>	<b>839</b>	<b>520</b>	<b>1,359</b>	<b>831</b>	<b>498</b>	<b>1,329</b>	<b>1,670</b>	<b>1,018</b>	<b>2,688</b>	<b>100.0</b>



Table 6--TOTAL COLLEGIATE PROFESSIONAL CERTIFICATES (HIGH SCHOOL ENDORSEMENT) EARNED IN ALL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY DEGREE LEVEL, SEX, AND TEACHING FIELD, 1971-72

TEACHING FIELD	BACHELOR'S			MASTER'S			DOCTOR'S			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Agriculture	36	1	37	--	--	--	--	--	--	36	1	37
Art	23	124	147	3	4	7	--	--	--	26	128	154
Business Education	20	137	157	5	16	21	--	--	--	25	153	178
Distributive Education	59	15	74	--	--	--	--	--	--	59	15	74
Dramatics	2	2	4	--	--	--	--	--	--	2	2	4
English	31	280	311	13	27	40	1	1	2	45	308	353
Foreign Languages	9	103	112	1	2	3	--	--	--	10	105	115
Health and Physical Education	114	143	257	41	8	49	--	--	--	155	151	306
Home Economics	--	111	111	--	8	8	--	--	--	--	119	119
Industrial Arts/Vocational	101	4	105	--	--	--	--	--	--	101	4	105
Journalism	--	4	4	--	--	--	--	--	--	--	4	4
Library Science	1	53	54	--	--	--	--	--	--	1	53	54
Mathematics	35	145	180	16	14	30	2	--	2	53	159	212
Music	24	70	94	5	5	10	1	1	2	30	76	106
Psychology	1	19	20	6	5	11	--	--	--	7	24	31
Natural Sciences	44	86	130	15	20	35	2	--	2	61	106	167
Social Sciences	154	217	371	34	24	58	1	--	1	189	241	430
Speech and/or Dramatic Arts	1	15	16	--	--	--	--	--	--	1	15	16
ALL TEACHING FIELDS	655	1,529	2,184	139	133	272	7	2	9	801	1,664	2,465
Per Cent of Total Certificates	26.6	62.0	88.6	5.6	5.4	11.0	0.3	0.1	0.4	32.5	67.5	100.0

Table 7--TOTAL COLLEGIATE PROFESSIONAL CERTIFICATES (HIGH SCHOOL ENDORSEMENT) EARNED IN INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY TEACHING FIELD, 1971-72

TEACHING FIELD	INSTITUTION														All Institutions
	C. Newport	Cl. Valley	Geo. Mason	Longwood	Madison	MWC	Nor. State	ODU	Rodford	U. Va.	VCU	VPI & SU	Va. State	Wm. & Mary	
Agriculture	--	--	--	--	--	--	--	--	--	--	--	28	9	--	37
Art	--	--	--	18	22	6	8	15	17	--	40	4	12	12	154
Business Education	--	7	--	11	42	--	33	13	38	--	17	4	13	--	178
Distributive Education	--	--	--	--	--	--	--	41	--	--	16	17	--	--	74
Dramatics	--	--	--	--	--	--	--	--	--	--	4	--	--	--	4
English	5	5	20	47	38	25	9	36	55	25	24	33	8	23	353
Foreign Languages	--	5	4	14	15	10	2	19	14	3	3	9	3	14	115
Health and Physical Education	--	--	--	23	34	--	23	39	49	30	30	44	25	9	306
Home Economics	--	--	--	14	42	--	--	--	31	--	--	21	11	--	119
Industrial Arts/Vocational	--	--	--	--	--	--	40	27	--	--	--	20	18	--	105
Journalism	--	--	--	--	--	--	--	--	4	--	--	--	--	--	4
Library Science	--	--	--	--	26	--	--	--	8	--	15	--	5	--	54
Mathematics	2	13	3	18	20	15	6	12	35	33	12	26	5	12	212
Music	--	--	--	5	25	4	10	3	20	6	20	--	12	1	106
Psychology	--	--	3	1	7	--	--	--	16	--	1	--	--	3	31
Natural Sciences	1	5	--	19	24	6	--	21	16	28	10	28	3	6	167
Social Sciences	10	5	12	32	58	17	11	59	74	37	31	40	13	31	430
Speech and/or Dramatic Arts	--	--	--	1	5	--	--	--	3	7	--	--	--	--	16
ALL TEACHING FIELDS	18	40	42	203	358	83	142	285	380	169	223	274	137	111	2,465
Per Cent of Total Certificates	0.7	1.6	1.7	8.2	14.5	3.4	5.8	11.6	15.4	6.9	9.0	11.1	5.6	4.5	100.0

# APPENDIX TO SECTION I



Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972

BACHELOR'S DEGREES															MAJOR FIELD OF STUDY		
Radford		U. Va.		VCU		VMI		VPI & SU		Va. State		Wm. & Mary		All Institutions			
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M			F
								13	1					13	1	AGRICULTURE AND NATURAL RESOURCES Agronomy Animal Science Dairy Science Poultry Science Horticulture Agricultural Economics Agricultural Business Food Science Forestry Total	
								28	5	1				29	5		
								15						15			
								3						3			
								11	1					11	1		
								10		3	1			13	1		
										4				4			
								1	1					1	1		
								67	2					67	2		
								148	10	8	1			156	11		
		44						59	2					103	2	ARCHITECTURE & ENVIRONMENTAL DESIGN Architecture City, Community, and Regional Planning Architectural History Landscape Architecture Total	
		6												6			
		1												1			
		1						59	2					1			
		52												111	2		
		4							1					5	30	AREA STUDIES	
17	64	9	20	16	23			86	29	8	12	50	22	318	217	BIOLOGICAL SCIENCES Biology, General Pre-Medical Sciences Microbiology Biochemistry Total	
											1				3		
								4	3					4	3		
17	64	9	20	16	23			90	32	8	13	50	22	322	224		
37	38	1						46	1					106	41	BUSINESS AND MANAGEMENT Business and Commerce, General Accounting Banking and Finance Business Management and Administration Marketing and Purchasing Secretarial Studies Business Economics Retailing Office Administration Business and Public Administration Total	
			49	3				85	6	9	12	19	7	237	43		
								33	2					78	2		
		1	135	6				114	5	23	28	55	6	547	71		
		1						43	2					95	5		
				6							5				22		
			16	1				9	1					25	2		
			17	16										17	16		
														1	10		
37	105	3	217	32				330	17	32	45	74	13	68	14		
														1,174	226		

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	BACHELOR'S DEGREES															
	C. Newport		Cl. Valley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
COMMUNICATIONS Journalism Advertising Total																
COMPUTER AND INFORMATION SCIENCES																
EDUCATION																
Elementary Education, General			4	27	4	100		155	11	220			8	72	1	168
Secondary Education, General																
Special Education, General									4	28			3	39	2	18
Education of the Mentally Retarded									1	4						5
Speech Correction									1	21			5	6	4	11
Art Education								4					5	5	3	1
Music Education									6	16						
Science Education																
Mathematics Education																
Physical Education								23	5	20			13	10	15	16
Business, Commerce, & Distributive Education								11	6	26			3	30	39	15
Industrial Arts, Vocational, and Technical Education													39	1	25	2
Agricultural Education																
Home Economics Education										42						6
Library Science																
Recreation													4	2		
English																
Foreign Language																
Social Studies																
Total			4	27	4	100		193	34	377			80	165	89	242
ENGINEERING																
Engineering, General																
Aerospace, Aeronautical, and Astronautical Engineering																
Agricultural Engineering																
Chemical Engineering																
Civil, Construction, & Transportation Engineering																14
Electrical, Electronics, and Communications Engineering													2			21

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

BACHELOR'S DEGREES																MAJOR FIELD OF STUDY
Radford		U. Va.		VCU		VMI		VPI & SU		Vo. State		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	6			4	9									4	15	COMMUNICATIONS Journalism Advertising Total
				23	7									23	7	
	6			27	16									27	22	
									14					14		COMPUTER AND INFORMATION
68	276	2	36	5	150			3	60	2	44	2	80	42	1,388	EDUCATION Elementary Education, General Secondary Education, General Special Education, General Education of the Mentally Handicapped Speech Correction Art Education Music Education Science Education Mathematics Education Physical Education Business, Commerce, & Distribution Industrial Arts, Vocational Technical Education Agricultural Education Home Economics Education Library Science Recreation English Foreign Language Social Studies Total
18		2	5	1	26			2			23		2	3	31	
5	36									2	8			11	144	
11				14	30					2	8			1	9	
1				7	10					3	9			26	76	
16			2					4						24	45	
15		4	6					8	10					4	2	
2	49	5	1	30	7			37	13	17	8	10		12	16	
6				11	29			19	4		13			132	147	
								22		31	1			78	128	
								25		8	1			117	4	
											7			33	1	
			4							6	2				49	
			1											10	4	
242	361	11	4	68	253			120	87	71	116	12	82	506	2,062	
		11												11		ENGINEERING Engineering, General Aerospace, Aeronautical, & Astronautical Engineering Agricultural Engineering Chemical Engineering Civil, Construction, & Transportation Engineering Electrical, Electronics, and Communications Engineering
		29						34						63		
		15						7						7		
								49						64		
		26	1			63		93	2					196	3	
		50				11		115	1					199	1	

CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED  
 EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

BACHELOR'S DEGREES										MAJOR FIELD OF STUDY
VMI		VPI & SU		Va. State		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	
								4	15	COMMUNICATIONS
								23	7	Journalism
								27	22	Advertising
										Total
		14						14		COMPUTER AND INFORMATION SCIENCES
		3	60	2	44	2	80	42	1,388	EDUCATION
		2					2	2	3	Elementary Education, General
				2	23			3	31	Secondary Education, General
								11	144	Special Education, General
								1	9	Education of the Mentally Retarded
				2	8			26	76	Speech Correction
				3	9			24	45	Art Education
		4						4	2	Music Education
		8	10					4	2	Science Education
		37	13	17	8	10		12	16	Mathematics Education
		19	4		13			132	147	Physical Education
								78	128	Business, Commerce, & Distributive Education
		22		31	1				4	Industrial Arts, Vocational, and
		25		8	1			117	4	Technical Education
					7			33	1	Agricultural Education
									49	Home Economics Education
				6	2				6	Library Science
								10	4	Recreation
									4	English
									1	Foreign Language
								11	4	Social Studies
		120	87	71	116	12	82	506	2,062	Total
								11		ENGINEERING
										Engineering, General
										Aerospace, Aeronautical, and
								63		Astronautical Engineering
								7		Agricultural Engineering
								64		Chemical Engineering
										Civil, Construction, & Transportation
		63	2					196	3	Engineering
										Electrical, Electronics, and
		11	1					199	1	Communications Engineering



Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	BACHELOR'S DEGREES															
	C. Newport		Cl. Valley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ENGINEERING (Continued)																
Mechanical Engineering																8
Industrial and Management Engineering																
Metallurgical Engineering																
Ceramic Engineering																
Mining and Mineral Engineering																
Nuclear Engineering																
Engineering Mechanics																
Engineering Technologies																
Electronic Technology													2			
Building Construction													2	1		
Total													6	1		43
FINE AND APPLIED ARTS																
Fine Arts, General																
Art							19		2		10				5	10
Art History											13					1
Music							2		1		7				1	2
Music History																
Dramatic Arts							2				1	18				
Dance												1				
Applied Design																
Speech & Drama																
Total							23		5	5	1	49			6	13
FOREIGN LANGUAGES																
Foreign Languages, General																
French			1	3		5	6		2	6		9		3	1	13
German							1			2						1
Spanish			1	1	2	7	9		1	7		7	1	4	1	15
Latin							1		1	2		1				
Russian															2	2
Greek																
Total			2	4	2	12	17		3	17		17	1	7	4	31
HEALTH PROFESSIONS																
Nursing																21
Occupational Therapy																
Pharmacy																
Physical Therapy																
Dental Hygiene																12

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

BACHELOR'S DEGREES															MAJOR FIELD OF STUDY		
Radford		U. Va.		VCU		VMI		VPI & SU		Va. State		Wm. & Mary		All Institutions			
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M			F
		23						98						129		ENGINEERING (Continued)	
								75						75		Mechanical Engineering	
								10						10		Industrial and Management Engineering	
								4						4		Metallurgical Engineering	
								11						11		Ceramic Engineering	
		32						2						34		Mining and Mineral Engineering	
								12	1					12	1	Nuclear Engineering	
								19						19		Engineering Mechanics	
														2		Engineering Technologies	
														2		Electronic Technology	
		186	1			74		529	4					2	1	Building Construction	
														838	6	Total	
												4	43	9	53	FINE AND APPLIED ARTS	
	16	4	2	27	18			8	6					39	73	Fine Arts, General	
				2	10									2	24	Art	
	19	2	1	1	8					2	2			6	46	Art History	
				2	3									2	3	Music	
		8		4	4			4	3					17	27	Music History	
	3														4	Dramatic Arts	
				36	69									36	69	Dance	
	7			14	14							3	5	22	31	Applied Design	
	45	14	3	86	126			12	9	2	2	7	52	133	330	Speech & Drama	
							7							7		Total	
																FOREIGN LANGUAGES	
																Foreign Languages, General	
	9	6	3	2	3			2	7		1	2	21	16	89	French	
	1	1	1						3		1	2	7	3	17	German	
	7	2	2					1	6	1	2	1	11	10	78	Spanish	
	4											2	2	3	10	Latin	
		1	1											3	3	Russian	
		2												2	1	Greek	
	21	12	7	2	3	7		3	16	1	4	7	42	44	198	Total	
		3	128		93									3	242	HEALTH PROFESSIONS	
				2	28									2	28	Nursing	
				48	18									48	18	Occupational Therapy	
				7	24									7	24	Pharmacy	
					4										16	Physical Therapy	
																Dental Hygiene	

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	BACHELOR'S DEGREES															
	C. Newport		Cl. Volley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<b>HEALTH PROFESSIONS (Continued)</b>																
Public Health									2							
Speech Pathology and Audiology							3		5		7		1		2	
Medical Laboratory Technologies									5		2				12	
Pre-Medical									7		9		1		10	
Pre-Dental									7		9		1		2	
<b>Total</b>							3		7		9		1		14 45	
<b>HOME ECONOMICS</b>																
Home Economics, General							14		19							
Clothing and Textiles																
Family Relations																
Institutional Management																
Applied Art																
Foods and Nutrition									4							
<b>Total</b>							14		23							
<b>LETTERS</b>																
English, General	7	7	4		15	35	46		4	43	38		3	13	20	60
Speech											4				7	
Philosophy											2				1	
Religious Studies											44		3		13	
<b>Total</b>	7	7	4		15	35	46		4	43	44		3	13	27	61
<b>LIBRARY SCIENCE</b>																
									26							
<b>MATHEMATICS</b>																
Mathematics, General			6	6	13	5	19		6	19	26		10	10	21	9
Statistics																
Applied Mathematics																
<b>Total</b>			6	6	13	5	19		6	19	26		10	10	21	9
<b>PHYSICAL SCIENCES</b>																
Physical Sciences, General							2		1	1						
Physics, General					2				6				4		7	
Chemistry, General			2	2	5	1	3		3	2	6		2		9	3

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

BACHELOR'S DEGREES															MAJOR FIELD OF STUDY		
Radford		U. Va.		VCU		VMI		VPI & SU		Va. State		Wm. & Mary		All Institutions			
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M			F
			6		2	27										2 16 5 46 10 2 77 392	HEALTH PROFESSIONS(Continued) Public Health Speech Pathology and Audiology Medical Laboratory Technologies Pre-Medical Pre-Dental Total
	41								53 41		4					74 57 41 1 3 2 24 201	HOME ECONOMICS Home Economics, General Clothing and Textiles Family Relations Institutional Management Applied Art Foods and Nutrition Total
	41								20 114		1	9				1 24 201	
	62	150	15	20	46	31		37	43	1	12	27	51	315	475		LETTERS English, General Speech Philosophy Religious Studies Total
	5	12		2	3			6	4	1		11	11	39	28		
	67	204	16	22	49	31		43	47	2	12	38	52	396	506		
	9										5				40		LIBRARY SCIENCE
	77	23	5	9	10	11		26	16	9	6	14	20	148	228		MATHEMATICS Mathematics, General Statistics Applied Mathematics Total
	1							3	6					3	7		
	78	25	5	9	10	11		29	22	9	6	14	20	153	235		
				12	3												PHYSICAL SCIENCES Physical Sciences, General Physics, General Chemistry, General
	5	8	3	4		6		12		3		8	1	13	6		
		11		5		8		18	4			14	10	66	3		
														77	39		

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	BACHELOR'S DEGREES																
	C. Newport		Cl. Volley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
PHYSICAL SCIENCES (Continued)																	
Geophysics																	
Geology									2	1						7	
Earth Sciences																6	
Astronomy																	
Total			2	2	7	1		5	12	4		8		6		29	3
PSYCHOLOGY	9	13			13	22		7	5	14		48		3	5	57	22
PUBLIC AFFAIRS AND SERVICES																	
Public Administration																	
Parks and Recreation Management																	
Social Work and Helping Services						6			3	26				1	20		
Law Enforcement and Corrections																	
Pre-Foreign Service												5					
Total						6			3	26		5		1	20		
SOCIAL SCIENCES																	
Social Sciences, General								17	1	5				4		6	1
Anthropology																	
Economics					14	2		1	3			9		4	1	24	5
History	10	14	7	3	35	18		13	18	20		27		8	10	71	20
Geography												11					
Political Science and Government	10	3			5	3		2	19	9		20		5	3	33	4
Sociology	6	11			3	17		6	6	10		36		12	24	20	26
International Relations																	
Urban Studies																	
Political Economy												1					
Total	26	28	7	3	57	40		39	47	44		104		33	38	154	56
INTERDISCIPLINARY STUDIES																	
TOTAL DEGREES CONFERRED	97	54	55	52	195	249		392	181	652		4	363	194	300	642	501

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

BACHELOR'S DEGREES																MAJOR FIELD OF STUDY	
Radford		U. Va.		VCU		VMI		VPI & SU		Vo. State		Wm & Mary		All institutions			
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	5	1	3	21	3	14		51	6	3	1	23	12	1	53	PHYSICAL SCIENCES (Continued) Geophysics Geology Earth Sciences Astronomy Total	
	33	90	4	37	36			47	21	2	6	28	31	291	262	PSYCHOLOGY	
				15	10			11	1					11	1	PUBLIC AFFAIRS AND SERVICES Public Administration Parks and Recreation Management Social Work and Helping Services Law Enforcement and Corrections Pre-Foreign Service Total	
				14	67									15	10		
				43	1									18	119		
				72	78			11	1					43	1		
														87	136		
1	7													12	30	SOCIAL SCIENCES Social Sciences, General	
5	1	14												24	6	Anthropology	
20	44	118		63	31	65		36	4	1	2	10	6	265	34	Economics	
4	13							57	17	5	10	53	29	512	256	History	
26	8	92	4					105	14	7	3	54	28	330	101	Geography	
	46	14	4	22	35			21	24	5	32	11	27	120	298	Political Science and Government	
		27	4											27	4	Sociology	
								2						2		International Relations	
															1		Urban Studies
56	1	119	12	85	66	74		221	59	18	47	154	99	1,292	754	Political Economy Total	
	1	45						21	6				1	66	8	INTERDISCIPLINARY STUDIES	
01	1	840	256	725	882	234		1,728	454	157	267	407	436	5,881	5,698	TOTAL DEGREES CONFERRED	

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972

MAJOR FIELD OF STUDY	FIRST PROFESSIONAL DEGREES								MASTER'S DEGREES											
	U. Va.		VCU		Wm. & Mary		All Institutions		Geo-Mason		Longwood		Madison		ODU		Radford		U. Va.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<b>AGRICULTURE AND NATURAL RESOURCES</b>																				
Agronomy																				
Animal Science																				
Dairy Science																				
Fish, Game, and Wildlife Management																				
Horticulture																				
Agricultural Economics																				
Forestry																				
<b>Total</b>																				
<b>ARCHITECTURE AND ENVIRONMENTAL DESIGN</b>																				
Environmental Design, General																				
Architecture																				
Landscape Architecture																				
Urban Architecture																				
City, Community, and Regional Planning																				
Architectural History																				
<b>Total</b>																				
<b>BIOLOGICAL SCIENCES</b>																				
Biology, General																				
Botany, General																				
Plant Pathology																				
Zoology, General																				
Pathology																				
Pharmacology																				
Physiology																				
Microbiology																				
Anatomy																				
Biochemistry																				
Biophysics																				
Marine Biology																				
Biometrics and Biostatistics																				
Entomology																				
Genetics																				
<b>Total</b>																				

Appendix B-- TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972

MASTER'S DEGREES										DOCTOR'S DEGREES										MAJOR FIELD OF STUDY
VCU		VPI & SU		Va. State		Wm. & Mary		All Institutions		U. Va.		VCU		VPI & SU		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
		5						5						1				1		
		2						2						7				7		
		5						5						3				3		
		10						10						1				1		
		1						1						1				1		
		2						2						1				1		
		8						8						2				2		
		33						33						15				15		
		12						12												ARCHITECTURE AND ENVIRONMENTAL DESIGN Environmental Design, General Architecture Landscape Architecture Urban Architecture City, Community, and Regional Planning Architectural History Total
		2						2												
		9	1					18	3											
		5						5	1											
		23	1					40	4											
				8	2			23	13	3				2				3		BIOLOGICAL SCIENCES Biology, General Botany, General Plant Pathology Zoology, General Pathology Pharmacology Physiology Microbiology Anatomy Biochemistry Biophysics Marine Biology Biometrics and Biostatistics Entomology Genetics Total
		1	2			3	1	3	1					3				2		
		1				3	3	4	5					4	1			4	1	
		3						1	2	1		2	1					3	1	
		1	5		2			3	1			1						1		
		1	1					1	8	1		3		4				8		
		1		2	1			3	1	1	2	1	1	4	1	1		2	4	
		1						1	1	1		1						2	3	
		2	1					5	1	1		1						2		
		1		1				2	1	3								3		
		1	1					1	1					4				4		
		10	10	5	5	8	2	6	4	49	36	10	2	9	6	20	2	39	10	



Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	FIRST PROFESSIONAL DEGREES								MASTER'S DEGREES												
	U. VA.		VCU		Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. Va.		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
BUSINESS AND MANAGEMENT																					
Business and Commerce, General																					
Accounting																					
Business Management and Administration															36	1				118	1
Business Economics																					
Total															36	1				118	1
COMPUTER AND INFORMATION SCIENCES																				11	1
EDUCATION																					
Education, General																		19	34		
Elementary Education, General									6	55		2	3	9	1	13			5	59	
Secondary Education, General									1	3			7	7	1	2					
Junior and Community College Education																					
Adult and Continuing Education																					
Special Education, General																				12	55
Education of the Mentally Retarded															1	8					
Education of the Visually Handicapped																					
Speech Correction																					
Education of the Emotionally Disturbed															1	3					
Social Foundations																				3	2
Educational Psychology																				3	3
Student Personnel																		7	16	63	90
Educational Administration															49	10	26	3	77	15	
Educational Supervision											5	9									
Curriculum and Instruction																				4	2
Reading Education																				4	49
Music Education																				3	
Mathematics Education													2	1						10	15
Science Education																					
Physical Education																			2	21	11
Business, Commerce, and Distributive Education															7	2	6	2	32	3	
Industrial Arts, Vocational, and Technical Education															4	6		9			
Agricultural Education																					
Home Economics Education																					
Foreign Language Education																				1	6

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

Va.	MASTER'S DEGREES										DOCTOR'S DEGREES										MAJOR FIELD OF STUDY
	VCU		VPI & SU		Va. State		Wm. & Mary		All Institutions		U. Va.		VCU		VPI & SU		Wm. & Mary		All Institutions		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	33	8																			BUSINESS AND MANAGEMENT
			7							33	8										Business and Commerce, General
1			43	1				105	1	302	4										Accounting
			8	1						8	1										Business Management and Administration
1	33	8	58	2				105	1	350	13										Business Economics
																					Total
										11	1										COMPUTER AND INFORMATION SCIENCES
																					EDUCATION
59	1	26			6	39	3	13		19	34										Education, General
					1	2	8	7		25	216										Elementary Education, General
							1			18	21										Secondary Education, General
55	7	18	4	2						4	2										Junior and Community College Education
										19	74										Adult and Continuing Education
						3		2	10	3	21										Special Education, General
										1											Education of the Mentally Retarded
										3											Education of the Visually Handicapped
2										2	7										Speech Correction
3										1	4										Education of the Emotionally Disturbed
90										3	2										Social Foundations
15	7	38	3	8	6	6	24	20		151	217										Educational Psychology
	17	6	5	1	18	2	20	3		212	40										Student Personnel
							2	3		7	12										Educational Administration
49			4	14						8	16										Educational Supervision
										5	81										Curriculum and Instruction
15	2				4	1				11	2										Reading Education
11										10	15										Music Education
3					10	5				31	18										Mathematics Education
										50	9										Science Education
	8	5	2	9	2	5	1			15	34										Physical Education
																					Business, Commerce, and Distributive Education
			5		23	4				28	4										Industrial Arts, Vocational, and
			17		6					23											Technical Education
				7		2					9										Agricultural Education
6										1	6										Home Economics Education
																					Foreign Language Education

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	FIRST PROFESSIONAL DEGREES								MASTER'S DEGREES														
	U. VA.		VCU		Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. VA.				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
<b>EDUCATION (Continued)</b> Audio-Visual Education English Education Social Studies Education School Psychology Visiting Teacher Educational Media Total																					8	5	
																					12	15	
																					26	10	
																					4	7	
																					1	4	
									7	58	5	11	33	38	91	101	54	66	289	351			
<b>ENGINEERING</b> Agricultural Engineering Aerospace, Aeronautical and Astronautical Bioengineering and Biomedical Chemical Engineering Civil, Construction, and Transportation Electrical, Electronics, and Communications Mechanical Engineering Industrial and Management Engineering Metallurgical Engineering Materials Engineering Physics Nuclear Engineering Engineering Mechanics Environmental and Sanitary Systems Engineering Total																						3	
																						5	
														5								10	
														15								15	1
														8								8	
																						3	
																						4	
																						11	
																						1	
																						60	1
<b>FINE AND APPLIED ARTS</b> Art Art History and Appreciation Music Dramatic Arts Applied Design Total																							
																						4	4
																						2	3
																						1	1
																						4	3
																						7	7
									1	1												7	7

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

VA.	MASTER'S DEGREES										DOCTOR'S DEGREES										MAJOR FIELD OF STUDY
	VCU		VPI & SU		Va. State		Wm. & Mary		All Institutions		U. VA.		VCU		VPI & SU		Wm. & Mary		All Institutions		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
5 15 10 7 4 351										8	5	1							1		EDUCATION (Continued)
										12	15	1	1						1	1	Audio-Visual Education
										26	10	1							1		English Education
										4	7	1							1		Social Studies Education
										1	4										School Psychology
										8	2										Visiting Teacher
	42	93	41	41	8	2	62	60	708	890	41	10							41	10	Educational Media
																					Total
1			2							2		2							10		ENGINEERING
			4							7		2							2		Agricultural Engineering
			12							17		6			8				8		Aerospace, Aeronautical and Astronautical
			18							33		1			2				6		Bioengineering and Biomedical
			9	1						39	2	3			4				7		Chemical Engineering
			13							29		3			4				7		Civil, Construction, and Transportation
			7							7		3			4				7		Electrical, Electronics, and Communications
			3							3		3			6				6		Mechanical Engineering
										3		3			3				6		Industrial and Management Engineering
										4		5			3				5		Metallurgical Engineering
										15		3			1				4		Materials
			4							11	1	1			4				5		Engineering Physics
			9	1						11		1			1				4		Nuclear Engineering
			11							11									5		Engineering Mechanics
			1							1											Environmental and Sanitary
1			93	2						182	3	29			37				66		Systems Engineering
																					Total
3 1 3 7	2	1								7	6										FINE AND APPLIED ARTS
		3								2	6										Art
	2	1								6	5										Art History and Appreciation
	1	2								5	5										Music
	1									1											Dramatic Arts
	6	7								21	22										Applied Design
																					Total

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	FIRST PROFESSIONAL DEGREES								MASTER'S DEGREES											
	U. Va.		VCU		Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. Va.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<b>FOREIGN LANGUAGES</b>																				
Foreign Languages, General																			1	
French																			4 8	
German																			2 6	
Spanish																			1	
Latin																			7 15	
<b>Total</b>																				
<b>HEALTH PROFESSIONS</b>																				
Dentistry			76 1				76 1													
Medicine	81 5		121 12				202 17													
Hospital and Health Care Administration																				
Nursing																				
Medical Specialties																			1	
Occupational Therapies																				
Pharmacy																				
Physical Therapy																				
Speech Pathology and Audiology																			4 30	
Clinical Social Work																				
Medical Laboratory Technologies																				
<b>Total</b>	81 5		197 13				278 18												5 30	
<b>HOME ECONOMICS</b>																				
Home Economics, General																			8	
Clothing and Textiles																				
Family Relations and Child Development																				
Foods and Nutrition																				
<b>Total</b>																			8	
<b>LAW</b>																				
Law, General	311 18				56 3		367 21												13	
Comparative Law																			3	
<b>Total</b>	311 18				56 3		367 21												16	
<b>LETTERS</b>																				
English, General											2 3		1 4		5 17		7		41 50	
Speech, Debate, and Forensic Science																			2 1	
Philosophy																			3	
Religious Studies																			1	
<b>Total</b>											2 3		1 4		5 17		7		47 51	

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

Va.	MASTER'S DEGREES										DOCTOR'S DEGREES										MAJOR FIELD OF STUDY	
	VCU		VPI & SU		Va. State		Wm. & Mary		All Institutions		U. Va.		VCU		VPI & SU		Wm. & Mary		All Institutions			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
18615									1	8												FOREIGN LANGUAGES Foreign Languages, General French German Spanish Latin Total
3030	26	2							26	2												HEALTH PROFESSIONS Dentistry Medicine Hospital and Health Care Administration Nursing Medical Specialties Occupational Therapy Pharmacy Physical Therapy Speech Pathology and Audiology Clinical Social Work Medical Laboratory Technologies Total
																						HOME ECONOMICS Home Economics, General Clothing and Textiles Family Relations and Child Development Foods and Nutrition Total
									13	3	4									4		LAW Law, General Comparative Law Total
50151			9	11		1		4	58	97	15	2							15	2		LETTERS English, General Speech, Debate, and Forensic Science Philosophy Religious Studies Total
			9	11		1		4	64	98	17	2							17	2		

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	FIRST PROFESSIONAL DEGREES								MASTER'S DEGREES																															
	U. Va.		VCU		Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. Va.																					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F																				
<b>MATHEMATICS</b>																																								
Mathematics, General													3		3				2		2		3		2															
Statistics																							4																	
Applied Mathematics																							7		2															
Total													3		3				2		2		11		4															
<b>PHYSICAL SCIENCES</b>																																								
Physical Sciences, General																																								
Physics, General															1		1		5				5																	
Chemistry, General																							2		1															
Pharmaceutical Chemistry																																								
Astronomy																																								
Geology																							5		1															
Geophysics and Seismology																																								
Earth Sciences, General																																								
Oceanography																	5						12		2															
Total													1		1		10						17		3															
<b>PSYCHOLOGY</b>																																								
Psychology, General																																								
Clinical Psychology																							9		9		6		4											
School Psychology																																								
Applied Psychology																																								
Total																							9		9		12		4											
<b>PUBLIC AFFAIRS AND SERVICES</b>																																								
Public Administration																																								
Social Work and Helping Services																																								
Total																									4		1													
<b>SOCIAL SCIENCES</b>																																								
Anthropology																																								
Economics																									2		5													
History																									5		2													
Political Science and Government											1				4		1		10		1		5		6		25		14											
Sociology																									7		3													
International Relations																									2		4													
Total											1				4		1		21		3		5		6		56		33											
<b>INTERDISCIPLINARY STUDIES</b>																																								
																									2		2													
<b>TOTAL DEGREES CONFERRED</b>	392		23		197		13		56		3		645		39		8		59		8		14		48		50		200		126		79		107		670		512	

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

Va.	MASTER'S DEGREES										DOCTOR'S DEGREES										MAJOR FIELD OF STUDY
	VCU		VPI & SU		Va. State		Wm. & Mary		All Institutions		U. Va.		VCU		VPI & SU		Wm. & Mary		All Institutions		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
2			2	3	9	4	7	3	26	17	4			2				6			MATHEMATICS
			1	4					1	4				11				11			Mathematics, General
2			3	7	9	4	7	3	4		2							2			Statistics
									31	21	6			13				19			Applied Mathematics
																					Total
1					7	2			7	2							9	9			PHYSICAL SCIENCES
1	1		7	2			11	1	29	4	14			7				21			Physical Sciences, General
			2		1	1	3	3	8	5	9	1		13				22	1		Physics, General
									1				1								Chemistry, General
			1						5	1	2							2			Pharmaceutical Chemistry
									1					2	1			2	1		Astronomy
														1				1			Geology
					3	1			3	1											Geophysics and Seismology
2	1		10	2	11	4	11	3	16	3	25	1	1	23	1	6	1	6	1		Earth Sciences, General
							25	7	70	16						15	1	63	4		Oceanography
																					Total
4	4	7			2		3	2	20	15	4							4			PSYCHOLOGY
									4	7											Psychology, General
4	5	3							2	2								4			Clinical Psychology
	9	10			2		3	2	5	3	4							4			School Psychology
									31	27											Applied Psychology
																					Total
1	31	40							4	1											PUBLIC AFFAIRS AND SERVICES
1	31	40							31	40											Public Administration
									35	41											Social Work and Helping Services
																					Total
5									2	5											SOCIAL SCIENCES
2									15	3	1							1			Anthropology
14			11		1		5	2	63	25	18	1				1		19	1		Economics
3			3	1			5		15	4	3							3			History
4	1		4	5			1	1	8	10											Political Science and Government
5									15	5								2			Sociology
33	1		18	6	1		11	3	118	52	24	1			1			25	1		International Relations
																					Total
2									2	2											INTERDISCIPLINARY STUDIES
12	180	203	296	89	115	82	219	84	1,823	1,326	163	18	9	7	111	3	16	1	299	29	TOTAL DEGREES CONFERRED



Appendix C--TOTAL COLLEGIATE PROFESSIONAL CERTIFICATES (HIGH SCHOOL ENDORSEMENT) EARNED IN INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY DEGREE LEVEL, SEX, AND TEACHING FIELD, 1971-72

SECONDARY TEACHING FIELD	BACHELOR'S DEGREES																												
	C. Newport		Cl. Valley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU		Radford		U. Va.		VCU		VPI & SU		Va State				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Agriculture																													
Art								18	1	21			6	2	6	4	11		10			11	29	2	2		28	8	1
Business Education			7				11	6	26				3	30	2	11		27				1	16	1	3		2	2	10
Distributive Education															37	4						6	10	16	1				13
Dramatics																						2	2						
English	1	4	1	4	1	15	42	4	33	25	2	7	4	30	49		5				24	15	18				8		
Foreign Languages:																													
French			1	3	2		4	2	5	5		1		7	4		1	1	2	2									
German							1	1	1						1													1	
Latin							1	1	2	1					4														
Spanish			1		2		8		4	4		1	1	11	5							1		4				2	
Total Foreign Languages			2	3	4		14	3	12	10		2	1	18	14							1	2	2	7				3
Health and Physical Education							23	5	20				13	10	15	16	44		3	1	24	6	30	14	17		8	8	
Home Economics							14		42								23							21				11	
Industrial Arts/Vocational													39	1	25	2								20				17	
Journalism																													
Library Science									26								8					1	14				5		
Mathematics	2		6	7	2		18	2	15	15	1	5	6	6	33		4	6			2	10	9	17	1		4	4	
Music							5	6	16	4	5	5	3		17						7	13			3		9	9	
Psychology					3		1		3						9														
Natural Sciences:																													
Biology	1			2			15	3	12	4			2	5	8						4	3	11	10	1		2	2	
Chemistry			1	2			3		1	1			3	1	4						1		2	2			1	1	
Earth Science																													
General Science							1	1		1																			
Physics								2													2			1					
Total Natural Sciences	1		1	4			19	8	14	6			11	6	13		2				2	7	3	14	14	1		2	2
Social Sciences:																													
Economics					1		1	1		1																			
Geography					1					2									9										
Government and Political Science							1	8	7	1		1												10	1	1		1	1
History		5	4	1		2	12	14	14	1	12	2	4	39	9	25								15	5	3		7	7
History and Social Science	1	3			1	3	16		2						1	10	5	2	18	13	8								
Sociology							1	1	2				1	3	16													1	
General Social Science								1	5																				
Other																													
Total Social Sciences	1	9	4	1	3	5	31	25	30	1	16	3	8	45	10	4		1	64	5	2	18	13	33	6	4		9	9
Speech and/or Dramatic Arts							1	1	4									3											
Total Certificates, All Fields	2	16	21	19	6	27	197	61	262	1	82	68	74	153	114	1	318	12	24	81	142	170	103	53	84				

Appendix C--TOTAL COLLEGIATE PROFESSIONAL CERTIFICATES (HIGH SCHOOL ENDORSEMENT) EARNED IN INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY DEGREE LEVEL, SEX, AND TEACHING FIELD, 1971-72

Secondary Teaching Field	BACHELOR'S DEGREES				MASTER'S DEGREES																DOCTOR'S DEGREES				Secondary Teaching Field		
	Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. Va.		VPI & SU		Wm. & Mary		All Institutions		U. Va.			All Institutions	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
Agriculture			36	1																							
Art	1	11	23	124								3	4									3	4				
Business Education			20	137					4	6			1	10								5	16				
Distributive Education			59	15																							
Dramatics			2	2																							
English	3	16	31	280	1	3	2	3		1		2		6	7	11			3		13	27	1	1	1	1	
Foreign Languages:																											
French		6	6	41																							
German		2		7																							
Latin			1	8																1	1	2					
Spanish			5	2	47																						
Total Foreign Languages		13	9	103																1	1	7					
Health and Physical Education	7	1	114	143					7	2	6	2	2	3	25	1			1		41	8					
Home Economics				111																							
Industrial Arts/Vocational			101	4																							
Journalism				4																							
Library Science			1	53																							
Mathematics	2	7	35	145	1				2	1			1	1	11	10			1	2	16	14	2		2		
Music		1	24	70					2	1				3	3	1					5	5	1	1	1	1	
Psychology		3	1	19					2	2				4	3						6	5					
Natural Sciences:																											
Biology			23	64								3	1		1					1	3	3					
Chemistry			7	14																							
Earth Science			9	2																							
General Science			1	5									2	10	14				1		11	16	2		2		
Physics			4	1					1	1											1	1					
Total Natural Sciences	2	2	44	86					1	1	3	1		3	10	14			1	1	15	20	2		2		
Social Sciences:																											
Economics			2	2	1																1						
Geography			1	12																							
Government and Political Science																											
History	1	3	20	16																1	1						
History and Social Science	9	8	87	104		3	1		2	1	4		3	6				1	1	3	11	14					
Sociology		1	41	50											20	9			1	1	21	10	1		1		
General Social Science			1	24																							
Other			1	5																							
Total Social Sciences	11	13	154	217	1	3	1		2	1	4		3	6	20	9		1	3	4	34	24	1		1		
Speech and/or Dramatic Arts			1	15																							
<b>Total Certificates, All Fields</b>	<b>26</b>	<b>67</b>	<b>655</b>	<b>1,529</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>20</b>	<b>15</b>	<b>13</b>	<b>5</b>	<b>14</b>	<b>47</b>	<b>77</b>	<b>47</b>	<b>1</b>	<b>9</b>	<b>9</b>	<b>139</b>	<b>133</b>	<b>7</b>	<b>2</b>	<b>7</b>	<b>2</b>		

SECTION II

PRIVATELY CONTROLLED COLLEGE AND  
UNIVERSITIES

TION II

E STATELY CONTROLLED COLLEGES  
AND UNIVERSITIES

TABLE 1--TOTAL DEGREES CONFERRED BY VIRGINIA PRIVATELY CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY LEVEL OF DEGREE, 1971-1972

INSTITUTION	ASSOCIATE		BACHELOR'S		FIRST PROFESSIONAL		MASTER'S		DOCTOR'S		TOTAL DEGREES	
	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total
<b>FOUR-YEAR</b>												
Averett	41	4.3	177	4.2	--	--	--	--	--	--	218	3.8
Bridgewater	--	--	170	4.1	--	--	--	--	--	--	170	2.9
Eastern Mennonite	--	--	190	4.5	9	4.3	--	--	--	--	199	3.4
Emory and Henry	--	--	181	4.3	--	--	--	--	--	--	181	3.1
Hampden-Sydney	--	--	147	3.5	--	--	--	--	--	--	147	2.5
Hampton Institute	--	--	557	13.3	--	--	134	30.5	--	--	691	11.9
Hollins	--	--	210	5.0	--	--	41	9.3	--	--	251	4.3
Institute of Textile Technology	--	--	--	--	--	--	10	2.3	1	33.3	11	0.2
Lynchburg	--	--	336	8.0	--	--	81	18.5	--	--	417	7.2
Mary Baldwin	--	--	148	3.5	--	--	--	--	--	--	148	2.6
Presbyterian School	--	--	--	--	--	--	50	11.4	--	--	50	0.9
Protestant Episcopal Theological Seminary	--	--	--	--	43	20.9	5	1.1	--	--	48	0.8
Randolph-Macon	--	--	141	3.4	--	--	--	--	--	--	141	2.4
Randolph-Macon Woman's	--	--	159	3.8	--	--	15	3.4	--	--	174	3.0
Roanoke	--	--	230	5.5	--	--	--	--	--	--	230	4.0
Saint Paul's	--	--	90	2.1	--	--	--	--	--	--	90	1.6
Shenandoah College and Conservatory	68	7.1	47	1.1	--	--	--	--	--	--	115	2.0
Stratford	--	--	78	1.9	--	--	--	--	--	--	78	1.4
Sweet Briar	--	--	143	3.4	--	--	--	--	--	--	143	2.5
Union Theological Seminary	--	--	--	--	30	14.6	14	3.2	2	66.7	46	0.8
University of Richmond	--	--	529	12.6	56	27.2	89	20.3	--	--	674	11.6
Virginia Intermont	83	8.7	69	1.7	--	--	--	--	--	--	152	2.6
Virginia Union	--	--	192	4.6	--	--	--	--	--	--	192	3.3
Virginia Wesleyan	--	--	111	2.7	--	--	--	--	--	--	111	1.9
Washington and Lee	--	--	283	6.8	68	33.0	--	--	--	--	351	6.1
<b>TOTAL FOUR-YEAR</b>	<b>192</b>	<b>20.1</b>	<b>4,188</b>	<b>100.0</b>	<b>206</b>	<b>100.0</b>	<b>439</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>5,028</b>	<b>86.8</b>
<b>TWO-YEAR</b>												
Bluefield	89	9.3	--	--	--	--	--	--	--	--	89	1.5
Ferrum	202	21.2	--	--	--	--	--	--	--	--	202	3.5
Marymount	268	28.1	--	--	--	--	--	--	--	--	268	4.6
Southern Seminary	114	11.9	--	--	--	--	--	--	--	--	114	2.0
Sullins	90	9.4	--	--	--	--	--	--	--	--	90	1.6
<b>TOTAL TWO-YEAR</b>	<b>763</b>	<b>79.9</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>763</b>	<b>13.2</b>
<b>ALL INSTITUTIONS</b>	<b>955</b>	<b>100.0</b>	<b>4,188</b>	<b>100.0</b>	<b>206</b>	<b>100.0</b>	<b>439</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>5,791</b>	<b>100.0</b>

TABLE 2--TOTAL BACHELOR'S AND HIGHER DEGREES CONFERRED BY INDIVIDUAL VIRGINIA PRIVATELY CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY MAJOR FIELD OF STUDY, 1971-1972

MAJOR FIELD OF STUDY	Averett	Bridgewater	Eastern Mennonite	Emory and Henry	Hampden-Sydney	Hampton Institute	Hollins	Institute of Tex. Tech.	Lynchburg	Mary Baldwin	Presbyterian School	Protestant Episcopal Theo. Sem.	Randolph-Macon
Architecture and Environmental Design	--	--	--	--	--	4	--	--	--	--	--	--	--
Area Studies	--	--	--	--	--	--	9	--	--	--	--	--	--
Biological Sciences	14	15	13	16	11	22	9	--	20	13	--	--	6
Business and Management	44	14	25	10	--	154	--	--	41	--	--	--	--
Communications	--	--	--	--	--	13	--	--	--	--	--	--	--
Education	70	45	39	31	--	242	--	--	171	--	--	--	--
Engineering	--	--	--	--	--	21	--	11	--	--	--	--	--
Fine and Applied Arts	5	5	2	5	--	7	41	--	28	15	--	--	--
Foreign Languages	2	6	4	6	4	4	18	--	11	21	--	--	3
Health Professions	--	--	24	--	--	39	--	--	2	1	--	--	--
Home Economics	--	3	10	--	--	3	--	--	--	--	--	--	--
Law	--	--	--	--	--	--	--	--	--	--	--	--	--
Letters	16	13	19	40	21	37	49	--	34	16	50	--	27
Mathematics	--	8	7	11	4	17	10	--	9	14	--	--	7
Physical Sciences	--	3	7	5	6	8	4	--	13	1	--	--	5
Psychology	5	6	7	2	12	18	28	--	8	30	--	--	24
Public Affairs and Services	9	--	--	--	--	--	--	--	--	--	--	--	--
Social Sciences	10	52	33	55	85	102	71	--	80	37	--	--	67
Theology	2	--	9	--	--	--	--	--	--	--	--	--	--
Interdisciplinary Studies	--	--	--	--	4	--	12	--	--	--	--	--	2
ALL MAJOR FIELDS	177	170	199	181	147	691	251	11	417	148	50	48	141
Per Cent of Total Degrees	3.7	3.5	4.1	3.7	3.0	14.3	5.2	0.2	8.6	3.1	1.0	1.0	2.9

TABLE 2--TOTAL BACHELOR'S AND HIGHER DEGREES CONFERRED BY INDIVIDUAL VIRGINIA PRIVATELY CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY MAJOR FIELD OF STUDY, 1971-1972

Randolph-Macon Woman's	Roanoke	St. Paul's	Shenandoah Coll. & Con.	Stratford	Sweet Briar	Union Theo. Seminary	Univ. of Richmond	Virginia Intermont	Virginia Union	Virginia Wesleyan	Washington and Lee	All Institutions	MAJOR FIELD OF STUDY
--	--	--	--	--	--	--	--	--	--	--	--	4	Architecture and Environmental Design
--	--	--	--	--	--	--	--	--	--	--	--	9	Area Studies
15	10	3	--	2	4	--	37	--	21	10	2	243	Biological Sciences
--	40	6	--	--	--	--	165	6	50	--	35	590	Business and Management
--	--	--	--	--	--	--	12	--	--	--	15	40	Communications
6	1	46	38	24	--	--	42	37	43	--	--	835	Education
--	--	--	--	--	--	--	--	--	--	--	--	32	Engineering
16	13	--	5	15	24	--	16	6	--	3	4	210	Fine and Applied Arts
17	14	--	--	4	18	--	14	1	2	1	11	161	Foreign Languages
--	3	--	--	--	--	--	--	--	--	--	--	69	Health Professions
--	--	--	--	--	--	--	--	--	--	--	--	16	Home Economics
--	--	--	--	--	--	--	56	--	--	--	68	124	Law
26	12	6	--	5	19	--	57	3	11	30	26	517	Letters
8	7	1	--	--	5	--	28	--	8	6	2	152	Mathematics
18	12	--	--	--	10	--	24	--	2	2	14	134	Physical Sciences
14	43	--	--	--	7	--	49	--	--	4	4	261	Psychology
--	--	--	--	--	--	--	--	12	--	--	--	21	Public Affairs and Services
54	75	28	--	22	43	--	164	4	55	54	137	1,228	Social Sciences
--	--	--	4	--	--	46	--	--	--	--	--	109	Theology
--	--	--	--	6	13	--	10	--	--	1	33	81	Interdisciplinary Studies
174	230	90	47	78	143	46	674	69	192	111	351	4,836	ALL MAJOR FIELDS
3.6	4.8	1.9	1.0	1.6	3.0	1.0	13.9	1.4	4.0	2.3	7.2	100.0	Per Cent of Total Degrees