

Science, A.S., Math Specialization Report: 2010-11 through 2014-15



Research Report No. 30-16

Office of Institutional Effectiveness and Student Success Initiatives

JUNE 2016

NORTHERN VIRGINIA COMMUNITY COLLEGE

OFFICE OF INSTITUTIONAL EFFECTIVENESS AND STUDENT SUCCESS INITIATIVES

The purpose of the Office of Institutional Effectiveness and Student Success Initiatives is to conduct analytical studies and provide information in support of institutional planning, policy formulation, and decision making. In addition, the office provides leadership and support in research related activities to members of the NOVA community engaged in planning and evaluating the institution's success in accomplishing its mission.

When citing data from this report, the Northern Virginia Community College (NOVA) Office of Institutional Effectiveness and Student Success Initiatives must be cited as the source.

4001 Wakefield Chapel Road
Annandale, VA 22003-3796
(703) 323-3129
www.nvcc.edu/oir

Table of Contents

Introduction	1
Science, A.S., Math Specialization Data	2

List of Tables

Table 1. Science, A.S., Math Specialization Annual Headcount for Program-Placed Students: 2010-11 through 2014-15.....	2
Table 2. Science, A.S., Math Specialization Annual Headcount for First-Time in College (FTIC), Program-Placed Students: 2010-11 through 2014-15	2
Table 3. Science, A.S., Math Specialization Cumulative Mean GPA of Graduates: 2010-11 through 2014-15.....	2
Table 4. Science, A.S., Math Specialization Graduation Rate from Any Program Within Four Years: Fall 2007 Cohort through Fall 2011 Cohort	3
Table 5. Science, A.S., Math Specialization Graduation Rate from Science, A.S., Math Specialization Within Four Years: Fall 2007 Cohort through Fall 2011 Cohort	3
Table 6. Number of Graduates in Science, A.S., Math Specialization: 2010-11 through 2014-15	3
Table 7. Number of FTES in Science, A.S., Math Specialization: 2010-11 through 2014-15	3

Science, A.S., Math Specialization Report: 2010-11 through 2014-15

Introduction

This Report presents Science, A.S., Math Specialization data from 2010-11 through 2014-15. The annual headcount is displayed for program-placed students and first-time in college (FTIC), program-placed students. The mean GPA and the graduation rate within four years are shown. Additionally, the number of graduates and the number of full-time equivalent students (FTES) are presented.

Science, A.S., Math Specialization Data

Table 1. Science, A.S., Math Specialization Annual Headcount for Program-Placed Students: 2010-11 through 2014-15

Program(s)	Curr. Code	2010-11	2011-12	2012-13	2013-14	2014-15	Avg.	% Change 10-11 to 14-15
Science, A.S.- Math Specialization	8802	364	401	416	446	399	405	9.6
Program-Placed College Students	-	58,648	60,168	61,682	61,693	59,657	60,370	1.7
All College Students	-	75,490	76,796	78,635	78,461	76,868	77,250	1.8

Table 2. Science, A.S., Math Specialization Annual Headcount for First-Time in College (FTIC), Program-Placed Students: 2010-11 through 2014-15

Program(s)	Curr. Code	2010-11	2011-12	2012-13	2013-14	2014-15	Avg.	% Change 10-11 to 14-15
Science, A.S.- Math Specialization	8802	54	59	53	72	59	59	9.3
Program-Placed College Students	-	9,432	9,711	10,491	11,006	10,535	10,235	11.7
All College Students	-	12,650	12,907	13,953	14,631	15,134	13,855	19.6

Table 3. Science, A.S., Math Specialization Cumulative Mean GPA of Graduates: 2010-11 through 2014-15

	Curr. Code	2010-11	2011-12	2012-13	2013-14	2014-15
Science, A.S.- Math Specialization	8802	3.40	3.50	3.33	3.49	3.50
College	-	3.18	3.18	3.20	3.22	3.21

Table 4. Science, A.S., Math Specialization Graduation Rate from Any Program* Within Four Years: Fall 2007 Cohort through Fall 2011 Cohort

Associate's	Fall 2007 Cohort			Fall 2008 Cohort			Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort		
	N**	Grad. w/in 4 Years		N**	Grad. w/in 4 Years		N**	Grad. w/in 4 Years		N**	Grad. w/in 4 Years		N**	Grad. w/in 4 Years	
		#	%		#	%		#	%		#	%		#	%
Science, A.S.- Math Specialization	34	8	23.5	29	9	31.0	31	8	25.8	35	10	28.6	48	18	37.5
All Program-Placed Associate's Degree Students	7,184	1,299	18.1	5,727	1,235	21.6	6,119	1,423	23.3	5,963	1,240	20.8	6,438	1,440	22.4

*Includes students who graduated from any program including Science, A.S., Math Specialization within the four year time frame.

**First-Time in College Students

Table 5. Science, A.S., Math Specialization Graduation Rate from Science, A.S., Math Specialization* Within Four Years: Fall 2007 Cohort through Fall 2011 Cohort

Associate's	Fall 2007 Cohort			Fall 2008 Cohort			Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort		
	N**	Grad. w/in 4 Years		N**	Grad. w/in 4 Years		N**	Grad. w/in 4 Years		N**	Grad. w/in 4 Years		N**	Grad. w/in 4 Years	
		#	%		#	%		#	%		#	%		#	%
Science, A.S.- Math Specialization	34	3	8.8	29	3	10.3	31	0	0.0	35	2	5.7	48	7	14.6

*Includes students who graduated from Science, A.S., Math Specialization within the four year time frame.

**First-Time in College Students

Table 6. Number of Graduates in Science, A.S., Math Specialization: 2010-11 through 2014-15

	Curr. Code	2010-11	2011-12	2012-13	2013-14	2014-15	Avg.
Science, A.S.- Math Specialization	8802	31	41	45	50	45	42

Table 7. Number of FTES in Science, A.S., Math Specialization: 2010-11 through 2014-15

	Curr. Code	2010-11	2011-12	2012-13	2013-14	2014-15	Avg.
Science, A.S.- Math Specialization	8802	185.9	209.5	219.6	227.3	186.7	205.8

NOVA Mission and Strategic Goals

Mission

With commitment to the values of access, opportunity, student success, and excellence, the mission of Northern Virginia Community College is to deliver world-class in-person and online post-secondary teaching, learning, and workforce development to ensure our region and the Commonwealth of Virginia have an educated population and globally competitive workforce.

Strategic Goals

- I. **STUDENT SUCCESS** – Northern Virginia Community College will move into the top tier of community colleges with respect to the college readiness, developmental course completion, retention, graduation, transfer, and career placement of its students.
- II. **ACCESS** – Northern Virginia Community College will increase the number and diversity of students being served to mirror the population growth of the region.
- III. **TEACHING AND LEARNING** – Northern Virginia Community College will focus on student success by creating an environment of world-class teaching and learning.
- IV. **EXCELLENCE** – Northern Virginia Community College will develop ten focal points of excellence in its educational programs and services that will be benchmarked to the best in the nation and strategic to building the College's overall reputation for quality.
- V. **LEADERSHIP** – Northern Virginia Community College will serve as a catalyst and a leader in developing educational and economic opportunities for all Northern Virginians and in maintaining the quality of life and economic competitiveness of the region.
- VI. **PARTNERSHIPS** – Northern Virginia Community College will develop strategic partnerships to create gateways of opportunity and an integrated educational system for Northern Virginians who are pursuing the American Dream.
- VII. **RESOURCES** – Northern Virginia Community College will increase its annual funding by \$100 million and expand its physical facilities by more than one million square feet in new and renovated space. This includes the establishment of two additional campuses at epicenters of the region's population growth, as well as additional education and training facilities in or near established population centers.
- VIII. **EMERGENCY PREPAREDNESS AND CONTINUITY OF OPERATIONS** – Northern Virginia Community College will be recognized as a leader among institutions of higher education in Virginia for its development and testing of emergency response and continuity of operation plans.

NOVA

**Northern Virginia
Community College**

703-323-3000 | www.nvcc.edu