NOVA Information Technology, A.S. to
VT Business Information Technology, B.S.

Catalog Year: 2020-2021

Concentrations: Cybersecurity Management and Analytics

	NOVA Degree Requirement	Credits	NOVA Course	Transfer to VT as:	VT Degree Requirement
1	**ENG 111**	3	ENG 111 College Composition I	ENGL 1105	Discourse (1f)
2	**HIS Course**	3	HIS 121 United States History I **OR** HIS 122 United States History II	HIST 1115 HIST 1116	Critical Thinking/Humanities (2) & Identity/Equity (7)
3	**ITE 115 or 119**	3	ITE 115 Introduction to Computer Applications and Concepts	CS 1XXX	Free Elective
4	**MTH 161 or Higher**	3	MTH 161 PreCalculus I*	No Credit	None
5	**SDV Course**	1	SDV 100 College Success Skills **OR** SDV 101 Orientation to Information Technology	No credit	None
6	**Social/Behavioral Sciences #1**	3	ECO 201 Principles of Macroeconomics	ECON 2006	Soc/Behav (3)
7	**ENG 112**	3	ENG 112 College Composition II	ENGL 1106	Discourse (1f)
8	**MTH 261**	3	MTH 261 Applied Calculus I**	MATH 1025	Elective (unless both MTH 261 + 262 are completed. See note below)
9	**Technical Elective #1**	3	BUS 100 Introduction to Business	MGT 1104	Major
10	**Technical Elective #2**	3	ACC 211 Principles of Accounting I	ACIS 2115	Major
11	**Technical Elective #3**	3	MTH 262 Applied Calculus II**	MATH 1026	Elective (unless both MTH 261 + 262 are completed. See note below)
12	**CST Course**	3	CST 100 Principles of Public Speaking	COMM 2004	Discourse (1a)
13	**Programming Elective**	4	ITP 120 Java Programming I **OR** ITP 150 Python Programming	CS 1054 CS 1064	Major
14	**Humanities/Fine Arts #1**	3	CST 151 Film Appreciation I **OR** ENG 236 Introduction to the Short Story **OR** ENG 237 Introduction to Poetry **OR** ENG 251 Survey of World Literature I **OR** ENG 252 Survey of World Literature II **OR** ENG 253 Survey of African-American Literature I **OR** ENG 256 Literature of Science Fiction **OR** PHI 101 Introduction to Philosophy I	CINE 2054 ENGL 1614 ENGL 1604 ENGL 1644 ENGL 1644 ENGL 2644 ENGL 1654 PHIL 1204	Critical Thinking/Humanities (2)

15	Science Course #1	4	BIO 101 General Biology I **OR** CHM 101 Introductory Chemistry I **OR** ENV 121 General Environmental Science I **OR** GOL 105 Physical Geology	BIOL 1105/1115 CHEM 1015/1025 ENSC 1015/ENSC 1XXX GEOS 1004/1104	Reasoning/Natural Sci (4)
16	**Technical Elective #4**	4	BUS 224 Statistical Analysis for Business	BIT 2405	Quant/Comp Thinking (5f) & Major
17	**Technical Elective #5**	3	ACC 212 Principles of Accounting II **OR** ITD 256 Advanced Database Management	ACIS 2116 BIT 3524	Major
18	**Humanities/Fine Arts #2**	3	CST 130 Introduction to the Theatre **OR** MUS 121 Music Appreciation I	TA 2014 MUS 1104	Critique/Arts (6A)
19	**Science Course #2**	4	BIO 101 General Biology I **OR** BIO 102 General Biology II **OR** CHM 101 Introductory Chemistry I **OR** ENV 121 General Environmental Science I **OR** ENV 122 General Environmental Science II **OR** GOL 105 Physical Geology **OR** GOL 106 Historical Geology	BIOL 1105/1115 BIOL 1106/1116 CHEM 1015/1025 ENSC 1015/ENSC 1XXX ENSC 1016//ENSC 1XXX GEOS 1004/1104 GEOS 1014	Reasoning/Natural Sci (4)
20	**Social/Behavioral Sciences #2**	3	ECO 202 Principles of Microeconomics	ECON 2005	Soc/Behav (3)
	IT, A.S. DEGREE TOTAL	62			

Notes

*Can receive MATH 1014 credit (Elective) if a VT Trig Module is completed.

**Pamplin College of Business requires MATH 1524 for the major requirements and Quant/Comp Thinking (5f) but students have to transfer in both MTH 261 + 262 to receive credit for MATH 1524.

 VT requires successful completion of at least two years of a single foreign language in high school. If not, must complete 6 college-level credits of a single foreign lang. (those 6 credits would not count towards minimum 125 required for degree)

Students with an A.S. degree can have Pathways 2, 4, 6A, 6D, and 7 waived if they do not have transfer credits that satisfy those pathway requirements.

While students following the NOVA IT, AS pathway will complete 62 credits, Virginia Tech will transfer 58 of those credits.

NOVA Business Administration, A.S. to VT Business, B.S.

Catalog Year: 2020-2021

Majors: Cybersecurity Management and Analytics

	NOVA Degree Requirement	Credits	NOVA Course	Transfer to VT as:	VT Degree Requirement
1	CST Course	3	CST 100 Principles of Public Speaking	COMM 2004	Discourse (1a)
2	ENG 111	3	ENG 111 College Composition I	ENGL 1105	Discourse (1f)
3	HIS Course	3	HIS 121 United States History I OR HIS 122 United States History II	HIST 1115 HIST 1116	Critical Thinking/Humanities (2) & Identity/Equity (7)
4	ITE 115 or 119	3	ITE 115 Introduction to Computer Applications and Concepts	CS 1XXX	Free Elective
5	MTH 161 or Higher	3	MTH 161 PreCalculus I*	No credit	None
6	SDV 100	1	SDV 100 College Success Skills OR SDV 101 Orientation to Business	No credit	None
7	BUS 100	3	BUS 100 Introduction to Business	MGT 1104	Major
8	ENG 112	3	ENG 112 College Composition II	ENGL 1106	Discourse (1f)
9	MTH 261 or Higher	3	MTH 261 Applied Calculus I**	MATH 1025	Elective (unless both MTH 261 + 262 are completed. See note below)
10	Humanities/Fine Arts #1	3	CST 151 Film Appreciation I OR ENG 236 Introduction to the Short Story OR ENG 237 Introduction to Poetry OR ENG 251 Survey of World Literature I OR ENG 252 Survey of World Literature II OR ENG 253 Survey of African-American Literature I OR ENG 256 Literature of Science Fiction OR PHI 101 Introduction to Philosophy I	CINE 2054 ENGL 1614 ENGL 1604 ENGL 1644 ENGL 1644 ENGL 2644 ENGL 1654 PHIL 1204	Critical Thinking/Humanities (2)
11	Science Course #1	4	BIO 101 General Biology I OR CHM 101 Introductory Chemistry I OR ENV 121 General Environmental Science I OR GOL 105 Physical Geology	BIOL 1105/1115 CHEM 1015/1025 ENSC 1015//ENSC 1XXX GEOS 1004/1104	Reasoning/Natural Sci (4)
12	ACC 211	3	ACC 211 Principles of Accounting I	ACIS 2115	Major
13	BUS 280 or Approved Elective	3	MTH 262 Applied Calculus II**	MATH 1026	Elective (unless both MTH 261 + 262 are completed. See note below)
14	ECO 201	3	ECO 201 Principles of Macroeconomics	ECON 2006	Reasoning/Social Sci (3)

15	**Humanities/Fine Arts #2**	3	CST 130 Introduction to the Theatre **OR** MUS 121 Music Appreciation I	TA 2014 MUS 1104	Critique/Arts (6A)
16	**Science Course #2**	4	BIO 101 General Biology I **OR** BIO 102 General Biology II **OR** CHM 101 Introductory Chemistry I **OR** ENV 121 General Environmental Science I **OR** ENV 122 General Environmental Science II **OR** GOL 105 Physical Geology **OR** GOL 106 Historical Geology	BIOL 1105/1115 BIOL 1106/1116 CHEM 1015/1025 ENSC 1015/ENSC 1XXX ENSC 1016/ENSC 1XXX GEOS 1004/1104 GEOS 1014	Reasoning/Natural Sci (4)
17	**ACC 212**	3	ACC 212 Principles of Accounting II	ACIS 2116	Major
18	**ECO 202**	3	ECO 202 Principles of Microeconomics	ECON 2005	Reasoning/Social Sci (3)
19	**BUS 224 or 221**	4	BUS 224 Statistical Analysis for Business	BIT 2405	Quant/Comp Thinking (5f) & Major
20	**BUS 270 or Approved Elective**	3	PSY 200 Principles of Psychology **OR** SOC 200 Principles of Psychology	PSYC 1004 SOC 1004	Major
	BUSINESS, A.S. DEGREE TOTAL	61			

Notes

*Can receive MATH 1014 credit (Elective) if a VT Trig Module is completed.

**Pamplin College of Business requires MATH 1524 for the major requirements and Quant/Comp Thinking (5f) but students have to transfer in both MTH 261 + 262 to receive credit for MATH 1524.

VT requires successful completion of at least two years of a single foreign language in high school. If not, must complete 6 college-level credits of a single foreign lang. (those 6 credits would not count towards minimum 125 required for degree)

Students with an A.S. degree can have Pathways 2, 4, 6A, 6D, and 7 waived if they do not have transfer credits that satisfy those pathway requirements.

While students following the NOVA Business Administration, AS pathway will complete 61 credits, Virginia Tech will transfer 57 of those credits.