

**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	3	ENG 111 College Composition I	ENGL 1105	Discourse (1f)
2	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	3	ITE 115 Introduction to Computer Applications and Concepts	CS 1XXX	Free Elective
4	3	MTH 161 PreCalculus I*	No Credit	None
5	1	SDV 100 College Success Skills OR SDV 101 Orientation to Information Technology	No credit	None
6	3	ECO 201 Principles of Macroeconomics	ECON 2006	Soc/Behav (3)
7	3	ENG 112 College Composition II	ENGL 1106	Discourse (1f)
8	3	MTH 261 Applied Calculus I**	MATH 1025	Elective (unless both MTH 261 + 262 are completed. See note below)
9	3	BUS 100 Introduction to Business	MGT 1104	Major
10	3	ACC 211 Principles of Accounting I	ACIS 2115	Major
11	3	MTH 262 Applied Calculus II**	MATH 1026	Elective (unless both MTH 261 + 262 are completed. See note below)
12	3	CST 100 Principles of Public Speaking	COMM 2004	Discourse (1a)
13	4	ITP 120 Java Programming I OR ITP 150 Python Programming	CS 1054 CS 1064	Major
14	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.

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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 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)

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