

Notes for Course Transfer Table

M = MATH or MTH as appropriate to college and S= STAT A = APMA	& Future students may be required to pass ODU vector module prior to transfer credits awarded or completion of MTH 265
ELEC = college credit awarded as an elective for college	! Consult VCU School of Business for requirements, changes pending
* No direct match but meets general education mathematics/quantitative requirement	+ Use of statistical package in graded activities/projects required for transfer.
^ Requires passing VT trig module prior to transfer credits awarded	> Courses must be above College Algebra to satisfy. (CNU MTH 110 does not satisfy Gen Ed requirements.)
# Requires passing VT matrix module through College of Business prior to transfer credits awarded	Note: UVA does not have a general education requirement that is applicable to all students. In the College of Arts and Sciences, students currently have to complete 12 credits from two different departments to satisfy the Natural Sciences and Math area requirement. For Engineering, outside of the required math most majors require at least one additional upper-division math course.
' VT General Education Requirements under revision and subject to change	\$ UMW requires the completion of MTH 154 and MTH 155 for MTH 110 credit. (MTH 154-155 transfers as MTH 120-110)
~ Linear Algebra transfers as MTH 2000T or APMA 2000T Upon completion of APMA 3081 (1 credit) at UVA, VCCS MTH 266 will transfer as UVA APMA 3080 ~Differential Equations transfers as MTH 2000T or APMA 2000T Upon completion of APMA 2131 (1 credit) at UVA, VCCS MTH 267 will transfer as UVA APMA 2130	

VCCS Math Course applicability to degree programs.

This is a **sampling** of degrees as identified by the four year colleges during course evaluation to which the VCCS math courses apply. This is not a comprehensive list. Students and advisors should consult the degree programs at the four year colleges for specific degree requirements prior to selecting a math pathway.

VCCS Math	Applicable Degree Programs
MTH 154 QR	General education requirements for Mathematics and Quantitative Reasoning, non-Science majors (UVA-Wise, NSU), English (NSU), Psychology (NSU), Political Science (NSU), Schools of Liberal Arts, Social Work, and Education (NSU)
MTH 155 SR	General education requirements for Mathematics and Quantitative Reasoning, Statistics (VT), Mass Communications (VCU), nonSTEM (VMI)
MTH 245 Stat I	Political Science (JMU), Biology/Biological Sciences (JMU, VCU, CNU), Nursing (JMU, GMU, UVA-wise, NSU), Psychology (JMU, Longwood, GMU, CNU), Economics (JMU, GMU), Sociology (JMU, UMW, CNU), Health Science/Admin (JMU, GMU), Mathematics (LongW), Computer Science (LongW, UVA-Wise, NSU), Athletic Training (LongW), Sports Management (GMU), Business (LongW, UMW, CNU), Education Licensure (UMW), Statistics (VT), Life Science (VCU), Earth Science (GMU), nonSTEM (VMI), Natural Science (UVA-Wise), Allied Health (NSU), Medical Technology (NSU), BIO and CHEM Pre-Med (NSU)
MTH 246 Stat II	Business (LongW), Athletic Training (LongW), Economics (LongW, GMU), Mathematics (UMW, VCU), Statistics (VT, VCU), Data Analysis Minor (GMU)
MTH 161 PreCalc I	Serves as prereq to studies in Calculus and other courses, Liberal Studies (LongW), Science (UVA-Wise), Computer Science (UVA-Wise), Math (UVA-Wise), School of Business – certain majors and tracks (NSU)
MTH 162 Pre Calc II	Serves as prereq to studies in Calculus and other courses, STEM not Nursing (LongW, NSU), Biological Sciences (VCU, NSU), Natural Science (UVA-Wise), Computer Science (UVA-Wise, NSU), Math (UVA-Wise, NSU), Technology (NSU), Chemistry (NSU)
MTH 167 PreCalcTrig	Serves as prereq to studies in Calculus and other courses, STEM not Nursing (LongW, NSU), Biological Sciences (VCU, NSU), Natural Science (UVA-Wise), Computer Science (UVA-Wise, NSU), Math (UVA-Wise, NSU), Technology (NSU), Chemistry (NSU)
MTH 261 App Calc I	College of Business (except Quant Finance at JMU, VT, CNU), College of Agriculture and Life Sciences (VT), Biology(VT), Chemistry (BA only,VT), Geography (VT), Microbiology (VT), Psychology (VT), Neuroscience (VT). Applied Economics Management (Financial Planning option at VT), Food Science Technology (Food Business option at VT), ECBU and BI (VMI), Math (UVA-Wise), Natural Science (UVA-Wise), School of Business – certain majors and tracks (NSU)
MTH 262 App Calc II	College of Business (VT), College of Agriculture and Life Sciences (VT), Biology(VT), Chemistry (BA only,VT), Geography (VT), Microbiology (VT), Psychology (VT), Neuroscience (VT). Applied Economics Management (Financial Planning option at VT), Food Science Technology (Food Business option at VT), ECBU and BI (VMI), Math (UVA-Wise), Natural Science (UVA-Wise), School of Business – certain majors and tracks (NSU)
MTH 263 Calc I	Mathematics (JMU, UMW, VT, NSU), Chemistry (JMU, UMW, VT, NSU), Physics (JMU, UMW, VT, NSU), Biology (JMU), Engineering (JMU, VT, NSU), Quantitative Finance (JMU), Geology (JMU), Statistics (JMU), ISAT (JMU), STEM (except Nursing at LongW, VCU. Except organismal bio CNU), Economics (LongW), Computer Science (VT, NSU), Computational Modeling and Data Analytics (VT), Statistics (VT), STEM (VMI)
MTH 264 Calc II	Mathematics (JMU, UMW, VT, NSU), Chemistry (JMU, UMW, VT, NSU), Physics (JMU, UMW, VT, NSU), Biology (JMU), Engineering (JMU, VT, NSU), Quantitative Finance (JMU), Geology (JMU), Statistics (JMU), ISAT (JMU), STEM (except Nursing at LongW, VCU, except organismal bio CNU), Economics (LongW), Computer Science (VT, CNU, NSU), Computational Modeling and Data Analytics (VT), Statistics (VT), STEM (VMI)
MTH 265 Calc III	Mathematics (JMU, UMW, VT, CNU, NSU), Chemistry (JMU, UMW, VT, CNU, NSU), Physics (JMU, UMW, VT, CNU, NSU), Biology (JMU), Engineering (JMU, VT, CNU, NSU), Quantitative Finance (JMU), Geology (JMU), Statistics (JMU), ISAT (JMU), STEM (except Nursing at LongW, VCU), Economics (LongW), Computer Science (VT, NSU), Computational Modeling and Data Analytics (VT), Statistics (VT) , STEM (VMI)
MTH 266 Linear Alg	Mathematics (JMU, LongW, UMW,VT, VCU, NSU), Physics (JMU, VT), Engineering (JMU), Quantitative Finance (JMU), Statistics (JMU, VT), Computer Science (VT), Engineering (VT, VCU), Computational Modeling and Data Analytics (VT) , STEM (VMI), Optical Engineering (NSU)
MTH 267 Diff Equat	Mathematics (JMU, UMW, VT, VCU, NSU), Physics (JMU, UMW, VT, NSU), Engineering (JMU, VT, VCU, NSU), Quantitative Finance (JMU), Chemistry (BS-VT) , Computational Modeling and Data Analytics (VT) , STEM (VMI)

VCCS Math	American National	Bluefield	Emory & Henry	Ferrum	Hampton	ITT Tech	Liberty	Lynchburg	Marymount	Roanoke	Shenandoah	Strayer	U of Phoenix	VA Wesleyan
MTH 266 Linear Alg		M2913						M307	M900*	M201				M217
MTH 267 Diff Equat		M3003						M301	M900*	M331				M274

Notes for Course Transfer Table

M = MATH or MTH as appropriate to college and S= STAT	MGExx – meets general education requirement for math
ELEC = college credit awarded as an elective for college	^ - VWC "Q" Requirement is 4 credits but can be satisfied by 3 credit transfer courses
* MA 900 Math Elective - courses our equivalent to Marymount courses but are prerequisites for other courses in the major and we prefer to have a conversation with students when they transfer to make sure the version of the course they took was sufficient to meet the prerequisites for the subsequent course they will take.	~ - Roanoke - MATH-T can substitute for our INQ 240 or INQ 241, and STAT-T can substitute for INQ 240