



B.S. MATHEMATICS DEGREE OPTIONS



COLLEGE OF SCIENCE
MATHEMATICS
VIRGINIA TECH.™

ACM: APPLIED COMPUTATIONAL

[math + application area]



mathematical modeling

scientific computing

differential equations

numerical analysis

ADM: APPLIED DISCRETE

[math + computer science]

10111001011010010100010101011
1010110100 **number theory** 010101011
0 **combinatorics** 110101011110101010
000101010101001010 **graph theory** 10
10 **cryptology** 0010010101010
001011001010101110101010

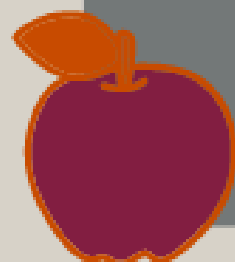
VT MATH
DEGREE
OPTIONS

MSTR: MATH EDUCATION

[math + 6-12 teaching prep]

5 year M.A.Ed. program

- history of math
- math tutoring
- college geometry



TRADITIONAL

[flexible advanced courses]

Menu

4000-level math

- Real Analysis
- Abstract Algebra
- Linear Algebra
- Differential Eqns
- Complex Analysis

Menu

interdisciplinary applications

- Economics
- Statistics
- Physics
- Engineering
- Finance