Dana Center Mathematics PATHWAYS

TEXAS TRANSFER INVENTORY

This resource contains detailed mathematics course requirements by program for all public universities in Texas.

Data were assembled from institutional course catalogs, academic program websites, and interviews with mathematics faculty and academic advisors. Data are accurate and have been updated to the best of our ability as of September 2017. We recommend that you verify information directly with universities before pursuing a program of study.
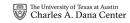
Please contact Jeremy Martin (jeremyryanmartin@austin.utexas.edu) if any information in this inventory needs to be updated.

The University of Texas at Austin
Charles A. Dana Center
www.dcmathpathways.org

Table of Contents

* These schools had not publicly released a 2017-2018 course catalog at the time of publication. Information is based on the most recently available catalog.

The University of Texas at Austin
Charles A. Dana Center

Angelo State University	University-Wide Core Math Requirement - 3 hours selected from the following: Math 1314, 1324, 1332, 1342, and 2313.	
	Course Guide	
	Math 1314 College Algebra	Math 2314 Calculus II
	Math 1316 Trigonometry with Analytic Geometry	Math 3301 Linear Algebra
	Math 1324 Finite Mathematics I	Math 3307 Probability and Statistics
	Math 1325 Business Calculus & Finite Math II	Math 3321 Statistics
	Math 1332 Introduction to Contemporary Math	Math 3333 Calculus III
	Math 1342 Elementary Statistics*	Math 3335 Differential Equations
	Math 1350 Mathematics for Teachers I	Eng 3305 Probability and Risk in Engineering
	Math 1351 Mathematics for Teachers II	Nurs 2337 Basic Statistics for Healthcare
	Math 2305 Discrete Mathematics	Nurs 4337 Statistical Techniques for Healthcare
	Math 2312 Precalculus	Phys 3301 Math Methods for Science and Engineering
	Math 2313 Calculus I	Psyc 2321 Research Methods and Statistical Analysis

Degree	Major	Math Requirements
College of Arts and Humanities		
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.F.A.	Art - Studio Art	Only Core Math
B.S.S.	Border and Homeland Security	Either Math 1332 or 1342
B.B.S.	Border Security	Either Math 1332 or 1342
B.A.	Communication	Only Core Math
B.S./B.A.	Criminal Justice	Either Math 1332 or 1342
B.A.	English	Only Core Math
B.A.	History	Only Core Math
B.I.S.S.A./B.S.S.	Intelligence, Security Studies & Analysis	Either Math 1332 or 1342
B.I.S.	Interdisciplinary Studies	Only Core Math
B.A.	Mass Media	Only Core Math
B.A./B.M.	Music	Only Core Math
B.A.	Philosophy	Only Core Math
B.A.	Political Science	Only Core Math
B.A.	Spanish	Only Core Math
B.A.	Theatre	Only Core Math
College of Business		
B.B.A.	Accounting	Math 1324
B.B.A.	Finance	Math 1324
B.B.A.	International Business	Math 1324
B.B.A.	Management	Math 1324
B.B.A.	Management Information Systems	Math 1324
B.B.A.	Marketing	Math 1324
College of Education		
B.S.	Interdisciplinary Studies - EC-6 Generalist	Math 1324, 1350, and 1351
B.S.	Interdisciplinary Studies - EC-6 Generalist with EC-12 Special Education	Math 1324, 1350, and 1351
B.S.	Interdisciplinary Studies - 4-8 Generalist	Math 1324, 1325, 1342, 1350, and 1351
Archer College of Health and Human Services		

The University of Texas at Austin
Charles A. Dana Center

B.S.	Exercise Science	Math 1314
B.S.H.S.P.	Health Science Professions	Only Core Math. Physical Therapy and Allied Health Profession (PTAH) tracks requires Math 1314.
B.S.	Kinesiology	Either Math 1314 or 1324 or 1332
B.S.N.	Nursing	Select one of the following: Math 1314, 1324, 1332, or 1342. And one of the following statistics courses: Math 1342, 3321, Nurs 2337, 4337, or Psyc 2321.*
B.A./B.S.	Psychology	Only Core Math
B.S.W.	Social Work	Only Core Math
B.A./B.S.	Sociology	Only Core Math
College of Science and Engineering		
B.S.	Agribusiness	Either Math 1314 or 1324
B.S.	Agricultural Science and Leadership	Either Math 1314 or 1324
B.S.	Animal Science	Either Math 1314 or 1324 or 1342
B.S.	Biology	Math 1314 and one of the following: 1316, 2312, 2313, 2314, or 3321
B.S.	Chemistry	Either Math 1314 or 1342, 2313, and 2314
B.S.C.E.	Civil Engineering	Math 2313, 2314, 3333, 3335, and either 3307 or Eng 3305, and either Math 3301 or Phys 3301 or (with department permission) other a 2000 or higher mathematics class.
B.S.	Computer Science	Either Math 1314 or 2313, 2305, and 2312
B.S.	Food Animal Science and Marketing	Either Math 1314 or 1324
B.S.	Geoscience	Math 2313, 2314, and 3333
B.S.	Life Science (Biology) - Secondary Teacher Certification	Math 1314 and one of the following: 1316, 2312, 2313, 2314, or 3321
B.S.	Physics	Math 1151, 2313, 2314, 3301, 3333, and 3335
B.A./B.S.	Mathematics	Math 2313 and beyond. See course catalog p. 188 for details.
B.S.	Natural Resource Management	Either Math 1314 or 1324

* Mathematics 1342 may be used to fulfill the mathematics or statistics requirement, but not both.

Lamar University	University-Wide Core Math Requirement - 3 hours from Math 1314, 1316, 1325, 1332, 1342, 1350, 1414, 2311, 2312, 2413, or 2414. In addition, students must complete one of three component area options, which may require additional math coursework. See Undergraduate Academic Policies and Procedures section of the catalog for details.	
	Course Guide	
	Math 1314 College Algebra (Non-Calculus Track)	Math 3312 Probability Statistics & Statistical Modeling
	Math 1316 Trigonometry	Math 3313 Elementary Geometry
	Math 1325 Business Calculus	Math 3316 Calculus Concept & Modeling II
	Math 1332 Contemporary Mathematics	Math 3328 Linear Algebra I
	Math 1342 Elementary Statistics	Math 3370 Introduction to the Theory of Statistical Inference
	Math 1350 Fundamentals Math I	Math 3380 Analysis I
	Math 1414 College Algebra (Calculus Track)	Math 3435 Calculus III
	Math 2305 Discrete Mathematics	Bual 2310 Business Analysis I
	Math 2310 Mathematical Modeling I	Bual 3310 Business Analysis II
	Math 2311 Precalculus I	Econ 3320 Banking and Money
	Math 2312 Precalculus II	Econ 3340 Intermediate Macroeconomics
	Math 2318 Linear Algebra I	Inen 2301 Applications of Quantitative Methods
	Math 2376 Calculus for Social and Life Sciences	Inen 4320 Statistical Decision Making in Engineering
	Math 2413 Calculus I	Pols 3351 Statistics for Social Scientists
	Math 2414 Calculus II	Psyc 2317 Introduction to Statistical Methods
	Math 2415 Calculus III	Psyc 3301 Advanced Statistics
	Math 3301 Differential Equations	Soci 4385 Social Data Analysis
	Math 3311 Foundations of Mathematics I	

Degree	Major	Math Requirements
College of Arts and Sciences		
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.S.	Biology	Math 2312 and Psyc 2317*
B.A.	Biochemisty	Math 1342 and 2413
B.A.	Chemistry	Math 1342 and 2414
B.S.	Chemistry	Math 2413, 2414, and 3435
B.S.	Chemistry - Biochemistry	Math 2413, 2414, and 3435
B.S.	Computer Information Science	Math 2413, 3328, and either Math 1342 or 3370 or Bual 3310
B.S.	Computer Science	Math 2413, 2414, 3370, either 3328 or 3435
B.S.	Computer Science - Game Development Concentration	Math 2413, 2414, 3328, 3370, and 3435
B.A.	Criminal Justice	Only Core Math
B.S.	Criminal Justice	Math 1314 and one statistics course
B.S.	Earth Science	Only Core Math
B.A.	English	Only Core Math
B.S.	Environmental Science	Math 2312 and Psyc 2317
B.S.	Forensic Chemistry	Math 1342 and 2414
B.A.	Modern Languages - French/Spanish	Only Core Math
B.G.S.	General Studies	Core Math and either Bual 2310 or Inen 2301 or Psyc 2317
B.S.	Geology	Math 2413, 2414, and either Math 1342 or Psyc 2317

The University of Texas at Austin
Charles A. Dana Center

B.A.	History	Math 1314
B.A./B.S.	Mathematics	Math 2314 and beyond. See course catalog for details.
B.S.N.	Nursing	Math 1314 and either Math 1342 or Psyc 2317
B.S.	Physics	Math 2413, 2414, 3435, 3301, and 3328. Math concentration also requires the following: Math 4302 and 3-4 hours of Math at the 3000 or 4000 level.
B.A.	Political Science	Math 1314
B.S.	Political Science	Math 1314 and one of the following: Math 3312, Econ 3320, or 3340
B.A.	Psychology	Math 1314, Psyc 2317, 3301, and one additional course above Math 1314
B.S.	Psychology	Math 1314, Psyc 2317, 3301, and one additional course above Math 1314
B.A./B.S.	Sociology	Math 1314 (or higher) and either Math 1342 or Pysc 2317
B.S.W.	Social Work	Math 1314 and either Math 1342 or Psyc 2317
B.A.	Modern Languages - Spanish	Only Core Math
College of Business		
B.B.A.	Accounting	Math 1325 and Bual 2310
B.S.	Construction Management	Math 2312
B.B.A.	Economics	Math 1325 and Bual 2310
B.B.A.	Finance	Math 1325 and Bual 2310
B.B.A.	General Business	Math 1325 and Bual 2310
B.B.A.	Human Resources Management	Math 1325 and Bual 2310
B.B.A.	Management	Math 1325 and Bual 2310
B.B.A.	Management Information Systems	Math 1325 and Bual 2310
B.B.A.	Marketing	Math 1325 and Bual 2310
College of Education and Human Development		
B.S.	Exercise Science & Fitness Management	Math 1314 and either Math 1342 or Psyc 2317
B.S.	Health	Math 1314 and either Math 1342 or Psyc 2317
B.S.	Interdisciplinary - 4-8 English Language, Art, Reading	Math 1314, 1350, 3312, and 3313
B.S.	Interdisciplinary - 4-8 Generalist	Math 1314, 1350, 3311, 3312, 3313, and 3316
B.S.	Interdisciplinary - 4-8 Mathematics	Math 1314, 1316, 2310, and beyond. See course catalog for details.
B.S.	Interdisciplinary - 4-8 Mathematics/Science	Math 1314, 2310, and beyond. See course catalog for details.
B.S.	Interdisciplinary - 4-8 Social Studies	Math 1314, 1350, 3312, and 3313
B.S.	Interdisciplinary - 4-8 Composite Science	Math 1314, 1350, 3312, and 3313
B.S.	Interdisciplinary - EC-6 Generalist	Math 1314, 1350, 3312, and 3313
B.S.	Interdisciplinary - EC-12 Special Education	Math 1314, 1350, 3312, and 3313
B.S.	Family Studies	Math 1314 and either Math 1342 or Psyc 2317
B.S.	Kinesiology - Teacher Certification	Math 1314 and either Math 1342 or Psyc 2317
B.S.	Nutrition, Dietetics & Hospitality - Administration	Math 1314 and either Math 1342 or Psyc 2317
B.S.	Nutrition, Dietetics & Hospitality - Dietetics	Math 1314 and one of the following: Bual 2310, Inen 2301, Math 1342, or Psyc 2317
B.S.	Nutrition, Dietetics & Hospitality - Foods and Nutrition	Math 1314 and one of the following: Bual 2310, Inen 2301, Math 1342, or Psyc 2317
College of Engineering		
B.S.	Chemical Engineering	Math 2413, 2414, 3301, 3328, and 3370
B.S.	Civil Engineering	Math 2413, 2414, 3301, 3328, and 3435
B.S.	Electrical Engineering	Math 2413, 2414, 3301, 3328, 3370, and 3435

The University of Texas at Austin
Charles A. Dana Center

B.S.	Industrial Engineering	Math 2413, 2414, 3301, and 3328
B.S.	Industrial Technology	Math 1314 and Inen 2301
B.S.	Mechanical Engineering	Math 2413, 2414, 3301, 3328, 3435, and either Math 3370 or Inen 4320
College of Fine Arts and Communication		
B.A.	American Sign Language	Math 1314 and either Math 1342 or Psyc 2317
B.S.	Communication	Math 1314 and either Bual 2310 or Psyc 2317
B.M.	Composition	Only Core Math
B.F.A./B.S.	Graphic Design	Only Core Math
B.A.	Music	Only Core Math
B.A.	Music - Business Concentration	Only Core Math
B.M.	Music - Teacher Certification	Only Core Math
B.M.	Performance	Only Core Math
B.S.	Speech and Hearing Sciences	Only Core Math
B.F.A./B.S.	Studio Art	Only Core Math
B.S.	Theatre and Dance	Math 1314

* Math 1314, 1414, and 1316 may be substituted for 2312 in the Biology B.S. degree plan.

The University of Texas at Austin
Charles A. Dana Center

		University-Wide Core Math Requirement - 3 hours selected from the following: Math 1053, 1203, 1233, 1534, or 1634.	
		Course Guide	
		Math 1053 Contemporary Math (Math 1332)	Math 3113 Techniques in Problem Solving
		Math 1203 Math Analysis for Business (Math 1324)	Math 3433 Differential Equations
Midwestern State University		Math 1233 College Algebra (Math 1314)	Math 3533 Numerical Analysis
		Math 1433 Trigonometry (Math 1316)	Math 3833 Linear Algebra
		Math 1534 Precalculus (Math 2312)	Math 4243 Operations Research
		Math 1634 Calculus I (Math 2413)	Buad 3033 Business & Economic Statistics
		Math 1734 Calculus II (Math 2414)	Chem 4243 Biochemistry
		Math 2033 Structure of the Number System 1 (Math 1350)	Nurs/Rads/Resp/Sowk 4123 Data Analysis
		Math 2043 Structure of the Number System 2 (Math 1351)	Psyc 3314 Psychological Statistics
		Math 2534 Calculus III (Math 2415)	Socl 3314 Statistics for Social and Behavioral Science
		Math 2603 Math for Thermodynamics	Stat 3573 Probability & Statistics

Degree	Major	Math Requirements	
Dillard College of Business Administration			
B.B.A.	Accounting	Either Math 1203 or 1233, and Buad 3033	
B.B.A.	Economics	Either Math 1203 or 1233, and Buad 3033	
B.B.A.	Finance	Either Math 1203 or 1233, and Buad 3033	
B.B.A.	General Business	Either Math 1203 or 1233, and Buad 3033	
B.B.A.	Management	Either Math 1203 or 1233, and Buad 3033	
B.B.A.	Management Information Systems	Either Math 1203 or 1233, and Buad 3033	
B.B.A.	Marketing	Either Math 1203 or 1233, and Buad 3033	
Gordon T. and Ellen West College of Education			
B.A.A.S.	Applied Arts and Sciences	Only Core Math	
B.F.A.	Art - All-Level Certification	Only Core Math	
B.S.I.S.	Bilingual Generalist/General Education EC-6 Certification	Math 1233, 2033, and 2043	
B.S.	Biology - Life Science - Secondary Certification	Math 1233 and 1433	
B.S.	Composite Science - Secondary Certification	Math 1233 and 1433	
B.S.I.S.	English, Language Arts, Reading - 4-8 Certification	Math 1233, 2033, and 2043	
B.A.	English, Language Arts, Reading - Secondary Certification	Math 1233	
B.S.I.S	Generalist EC-6 Certification	Math 1233, 2033, and 2043	
B.S.I.S.	Generalist 4-8 Certification	Math 1233, 2033, 2043, and 3113	
B.A./B.S.I.S	History/Social Studies - Secondary Certification	Math 1233	
B.A./B.S.	Kinesiology - All Level Certification	Math 1233. B.S. also requires Math 1433.	
B.S.I.S.	Mathematics 4-8 Certification	Math 1053 and beyond. See course catalog for details.	
B.S.	Mathematics - Secondary Certification	Math 1734 and beyond. See course catalog for details.	
B.M.	Music - All Level Certification	Only Core Math	
B.A.	Physical Education with Teacher Certification	Math 1233	
B.S.I.S.	Science 4-8 Certification	Math 1233, 2033, and 2043	
B.S.I.S	Social Studies 4-8 Certification	Math 1233, 2033, and 2043	
B.A.	Spanish - All Level Certification	Math 1233	

The University of Texas at Austin
Charles A. Dana Center

B.S.I.S.	Special Education - EC-12/General Education EC-6 Certification	Math 1233, 2033, and 2043
B.A.	Sport and Leisure Studies	Only Core Math
B.S.	Sport and Leisure Studies	Math 1233
B.F.A.	Theatre - All Level Certification	Only Core Math
Lamar D. Fain College of Fine Arts		
B.A.	Art	Either Math 1053 or 1233
B.F.A.	Art	Either Math 1053 or 1233. Teacher Certification requires Math 1233.
B.A.	Mass Communication	Only Core Math
B.A./B.M.	Music	Only Core Math
B.F.A.	Theatre	Only Core Math
Robert D. and Carol Gunn College of Health Science and Human Services		
B.S.A.T.	Athletic Training	Only Core Math
B.S.E.P.	Exercise Physiology	Either Math 1433 or 1534
B.S.C.J.	Criminal Justice	Only Core Math
B.S.D.H.	Dental Hygiene	Only Core Math. Math 1053 is recommended.
B.S.N.	Nursing	Core Math and Nurs 4123
B.S.R.S	Radiologic Sciences	Core Math and Rads 4123
B.S.R.T.	Radiologic Technology	Core Math and Rads 4123
B.S.R.C.	Respiratory Care	Core Math and Resp 4123
B.S.W.	Social Work	Core Math and either Sowk 4123 or Nurs 4123
Prothro-Yeager College of Humanities and Social Sciences		
B.A.	English	Only Core Math
B.A.	Global Studies	Only Core Math
B.A.	History	Only Core Math. Social Studies Teaching Certification requires Math 1233.
B.A.	Humanities	Only Core Math
B.A.	Political Science	Only Core Math
B.A./B.S.	Psychology	Core Math and Psyc 3314
B.A./B.S.	Sociology	Core Math and Socl 3314
B.A.	Spanish	Only Core Math. Teaching Certification requires Math 1233.
College of Science and Math		
B.S.	Biology - Molecular-Cellular	Math 1634, 1734, 2534, and either Stat 3573 or Chem 4253
B.S.	Biology - Organismal	Either Math 1433 or 1534, and either Stat 3573 or Psyc 3314
B.S.	Biology - Pre-Dental	Either Math 1433 or 1534, 1634, and Stat 3573
B.S.	Biology - Pre-Medical	Either Math 1433 or 1534, 1634, and Stat 3573
B.S.	Biology - Pre-Pharmacy	Either Math 1433 or 1534, 1634, and Stat 3573
B.S.	Biology - Pre-Veterinary	Either Math 1433 or 1534, and Stat 3573
B.S.	Biology - Pre-Physical Therapy	Either Math 1433 or 1534, and either Stat 3573 or Psyc 3314
B.S.	Biology - Clinical Laboratory Science	Either Math 1433 or 1534, and Stat 3573
B.S.	Chemistry - Professional	Math 1634, 1734, 2534, 2603, and Stat 3573
B.S.	Chemistry - Interdisciplinary	Math 1634, 1734, 2603, and Stat 3573
B.S.	Chemistry - Biochemistry Option	Math 1634 and 1734
B.A.	Computer Science	Math 1233, 1433, and Stat 3573

B.S.	Computer Science	Math 1534, 1634, 1734, and either 3533 or 3833 or 4243
B.S.	Geosciences - Environmental Science	Either Math 1433 or 1534, 1634, and Stat 3573
B.S.	Geosciences - Geology	Math 1634, 1734, and Stat 3573
B.A./B.S.	Mathematics	Math 1634, 1734, 2534, and beyond. See course catalog for details.
B.S.M.E.	Mechanical Engineering	Math 1634, 1734, 2534, 3433, and either 3833 or Stat 3573
B.S.	Physics	Math 1634, 1734, 2534, 3433 and 3833

Prairie View A&M University	**University-Wide Core Math Requirement - 3 hours selected from the following: Math 1103, 1113, 1115, 1123, 1124, 1153, 2003, 2024, 2043, 2053, 2153, 2163, or Psyc 2613.**	
	Course Guide	
	Math 1103 Contemporary College Algebra (Math 1332)	Math 2163 Structure of Number System
	Math 1113 College Algebra (Math 1314)	Math 3003 Mathematics in Elementary Schools
	Math 1115 College Algebra and Trigonometry	Math 3014 Calculus with Analytic Geometry III
	Math 1123 Trigonometry (Math 1316)	Math 3023 Probability and Statistics
	Math 1124 Calculus with Analytic Geometry I (Math 2413)	Math 3073 Linear Algebra
	Math 1153 Finite Mathematics (Math 1324)	Math 3163 Mathematics Understanding
	Math 1213 Precalculus	Math 3685 Math for Engineers
	Math 2003 Elementary Statistics (Math 1342)	Math 4003 Mathematics Modeling and Applications
	Math 2024 Calculus with Analytic Geometry II (Math 2414)	Mgmt 1163 Quantitative Business Analysis
	Math 2043 Differential Equations (Math 2320)	Mgmt 3023 Quantitative Method
	Math 2053 Discrete Mathematics (Math 2305)	Psyc 2613 Statistics for Psychology (Psyc 2317)
	Math 2153 Calculus for Business, Life, and Social Sciences (Math 1325)	Socg 4053 Social Statistics

Degree	Major	
Marvin D. and June Samuel Brailsford College of Arts and Sciences		
B.S.	Biology	Math 1124 or higher. Pre-Veterinary concentration also requires Math 3003.
B.S.	Chemistry - Traditional	Math 1124, 2024, and 3014
B.S.	Chemistry - Biomedical Science	Math 1124, 2024, and 2003
B.S.	Chemistry - Forensic Science	Math 1124, 2024, and 2003
B.A.	Communication	Only Core Math
B.A.	English	Only Core Math
B.A.	History	Only Core Math
B.S.	Mathematics	Math 1124 and beyond. See course catalog for details.
B.A.	Music	Only Core Math
B.S.	Physics	Math 1113, 1124, 2024, 2043, 3014, and 3023
B.A.	Political Science	Core Math and either Psyc 2613 or Socg 4053
B.A.S.W.	Social Work	Core Math and either Math 2003 or Psyc 2613 or Socg 4053
B.A.	Sociology	Core Math and Socg 4053
College of Agriculture and Human Sciences		
B.S.	Agriculture - Agribusiness	Math 2003
B.S.	Agriculture - Plant and Soil Sciences	Only Core Math. Additional hours may be required for specialized job requirements (e.g., Math 1123).
B.S.	Agriculture - Animal and Food Sciences	Only Core Math
B.S.	Dietics - Human Nutrition and Food Degree	Math 2003
College of Business		
B.B.A.	Accounting	Math 1113, 1153, Mgmt 1163, and 3023
B.B.A.	Finance	Math 1113, 1153, Mgmt 1163, and 3023
B.B.A.	Management Information Studies	Math 1113, 1153, Mgmt 1163, and 3023
Whitlowe R. Green College of Education		
B.S.	Interdisciplinary Studies - EC-6 Generalist	Math 2163 and 3003

The University of Texas at Austin
Charles A. Dana Center

B.S.	Interdisciplinary Studies - 4-8 English, Language Arts and Reading	Math 2163 and 3003
B.S.	Interdisciplinary Studies - 4-8 Generalist	Math 2003, 3003, 3163, and 4003
B.S.	Interdisciplinary Studies - 4-8 Mathematics	Math 1123 and beyond. See course catalog for details.
B.S.	Interdisciplinary Studies - 4-8 Science	Math 2003 and 2163
B.S.	Interdisciplinary Studies - 4-8 Social Studies	Math 2003, 2163, and 3003
B.S.	Interdisciplinary Studies - Special Education	Math 2163 and 3003
B.S.	Health	Only Core Math
B.S.	Human Performance	Only Core Math
Roy G. Perry College of Engineering		
B.S.	Chemical Engineering	Math 1124, 2024, 3023, and 4173
B.S.	Civil Engineering	Math 1124, 2024, 3023, and 4173
B.S.	Computer Engineering	Math 1124, 2024, 2043, 2053, and 3023
B.S.	Computer Engineering Technology	Math 1115, 1124, and 2024
B.S.	Computer Science	Math 1124, 2024, and 3073
B.S.	Electrical Engineering	Math 1124, 2024, 2043, 3023, and 4173
B.S.	Electrical Engineering Technology	Math 1115, 1124, and 2024
B.S.	Mechanical Engineering	Math 1124, 2024, 3023, and 4173
College of Juvenile Justice & Psychology		
B.S.C.J.	Criminal Justice	Core Math and either 2003 or Psyc 2613 or Socg 4053
B.S.J.J.	Criminal Justice with Specialization in Juvenile Justice	Core Math and either 2003 or Psyc 2613 or Socg 4053
B.S.	Psychology	Psyc 2613 and 3613
College of Nursing		
B.S.N.	Nursing	Core Math and Psyc 2613
School of Architecture		
B.S.	Architecture	Math 1123
B.S.	Construction Science	Math 2003 and 1124
B.S.	Digital Media Arts	Two of the following: Math 1103, 1113, 1115, and 1123
B.S.	Construction Science	Math 2003 and 1124
B.S.	Digital Media Arts	Two of the following: Math 1103, 1113, 1115, and 1123

Sam Houston State University	University-Wide Core Requirement - 3 hours selected from the following: Math 1314, 1316, 1324, 1332, 1384, 1410, or 1420. Students with a documented Math disability may take Phil 2352 to fulfill Core Math requirement.	
	Course Guide	
	Math 1314 Precalculus Algebra (Math 2312)	Math 3379 Statistical Methods in Practice
	Math 1316 Plane Trigonometry	Math 3381 Introduction to Foundations of Math III
	Math 1324 Math for Managerial Decision Making	Math 3386 Fundamentals Probability/Stats
	Math 1332 College Mathematics	Math 4376 Topics in Applied Mathematics
	Math 1369 Elementary Statistics (Math 1342)	Bana 2372 Business Analysis
	Math 1370 Introduction to Biomedical Statistics	Bio 4374 Biostatistics
	Math 1384 Introduction to Foundations of Math I (Math 1350)	Engl 3330 Introduction to Technical Writing
	Math 1385 Introduction to Foundations of Math II (Math 1351)	Phil 2303 Critical Thinking
	Math 1410 Elementary Functions	Phil 2352 Introduction to Contemporary Logic
	Math 1420 Calculus I (Math 2413)	Phil 3372 Philosophy of Science
	Math 1430 Calculus II	Psyc 3301 Elementary Statistics
	Math 2384 Functions and Graphs	Psyc 3401 Research Methods
	Math 2395 Discrete Mathematics	Psyc 3402 Psychological Statistics
	Math 2399 Math for Managerial Decision Making	Soci 3443 Social Statistics
	Math 2440 Calculus III	Stat 1369 Elementary Statistics (Math 1342)
	Math 3376 Differential Equations	Stat 3379 Statistical Methods in Practice

Degree	Major	Math Requirements
College of Business Administration		
B.B.A.	Accounting	Math 1324 and Bana 2372
B.B.A.	Banking and Financial Institutions	Math 1324 and Bana 2372
B.B.A.	Economics	Math 1324 and Bana 2372
B.B.A.	Entrepreneurship	Math 1324 and Bana 2372
B.B.A.	Finance	Math 1324 and Bana 2372
B.B.A.	General Business Administration	Math 1324 and Bana 2372
B.B.A.	Human Resource Management	Math 1324 and Bana 2372
B.B.A.	International Business	Math 1324 and Bana 2372
B.B.A.	Management	Math 1324 and Bana 2372
B.B.A.	Management Information Systems	Math 1324 and Bana 2372
B.B.A.	Marketing	Math 1324 and Bana 2372
College of Criminal Justice		
B.A./B.S.	Criminal Justice	Core Math and select one of the following: Math 3379, Psyc 3402, Soci 3443, or Stat 3379
B.A./B.S.	Victim Studies	Core Math and select one of the following: Math 3379, Psyc 3402, Soci 3443, or Stat 3379
College of Education		
B.S.	Interdisciplinary Studies - 4-8 Core	Math 1384, 1385, 2384, and 3386
B.S.	Interdisciplinary Studies - 4-8 ELAR	Math 1384, 1385, and 3381
B.S.	Interdisciplinary Studies - 4-8 Mathematics	Math 1384 and beyond. See course catalog for details.
B.S.	Interdisciplinary Studies - 4-8 Science	Math 1384, 1385, and 2384
B.S.	Interdisciplinary Studies - 4-8 Social Studies	Math 1384, 1385, and 3381
B.S.	Interdisciplinary Studies - EC-6 Bilingual Core	Math 1384, 1385, and 3381
B.S.	Interdisciplinary Studies - EC-6 Core	Math 1384, 1385, and 3381

The University of Texas at Austin
Charles A. Dana Center

B.S.	Interdisciplinary Studies - EC-6 Special Education Core	Math 1384, 1385, and 3381
B.S.	Interdisciplinary Studies - EC-12 Special Education	Math 1384, 1385, and 3381
B.S.	Interdisciplinary Studies - Early Childhood Education (Non- certification)	6 hours of Core Math
College of Fine Arts and Mass Communication		
B.A.	Art	Only Core Math
B.F.A.	Art - Graphic Design	Only Core Math
B.F.A.	Art - Photography	Only Core Math
B.F.A.	Art - Studio Art	Only Core Math
B.F.A.	Computer Animation	Only Core Math
B.F.A.	Dance	Only Core Math
B.F.A.	Film and TV Production	Only Core Math
B.A.	Mass Communications	Only Core Math
B.A./B.M.	Music	Only Core Math
B.M.	Music Therapy	Only Core Math
B.F.A.	Musical Theatre	Only Core Math
B.F.A.	Theatre	Only Core Math
College of Health Sciences		
B.S.	Athletic Training	Math 1314 and either Math 3379 or Stat 3379
B.A.	Bilingual Health Care Studies	Only Core Math*
B.A./B.S.	Family and Consumer Sciences	Either Math 1314 or 1332. B.S. requires 3 additional hours of Math.
B.A./B.S.	Fashion Merchandising	Either Math 1314 or 1332. B.S. requires Core Math and 3 hours of a Math elective.
B.A./B.S.	Food Service Management	Either Math 1314 or 1332. B.S. requires 3 additional hours of Math.
B.S.	Food Science and Nutrition	Math 1314 and 1369
B.S.	Health - Health Care Administration	Math 1314 and either Math 1369 or 1370 or 3379
B.S.	Health Sciences	Math 1314 and either Math 1370 or 3379
B.A./B.S.	Interior Design	Either Math 1314 or 1332
B.S.	Kinesiology	Either Math 1314 or 1332, and either Math 1369 or Stat 1369
B.S.	Kinesiology - Applied Exercise Science	Either Math 1314 or 1316 or 1410, and either 1369 or 3379
B.S.	Kinesiology - Clinical Exercise Science	Either Math 1314 or 1316 or 1410. Also requires one of the following: Math 3379, Biol 4374, or Psyc 3401.
B.S.	Kinesiology - Physical Education Teacher Education	Only Core Math
B.S.N.	Nursing	Math 1314 and either Math 1369 or 1370 or Stat 1369
B.S.	Public Health	Math 1314 and either Math 1369 or 1370 or 3379
B.S.	Wellness Management	Core Math and either Math 1369 or 1370 or 3379
College of Humanities and Social Sciences		
B.A./B.S.	Communication Studies	Only Core Math. B.S. requires 3 additional hours in Math, Statistics, or Computer Science.
B.A.	English	Only Core Math
B.A./B.S.	History	Only Core Math
B.A.	Philosophy	Only Core Math
B.A./B.S.	Political Science	Only Core Math. B.S. requires 3 additional hours from the following courses: Math 1314, 1316, 1324, 1332, 1384, 1369, Phil 2303, or Stat 3379.
B.S.	Psychology	Core Math and Psyc 3402

The University of Texas at Austin
Charles A. Dana Center

B.A./B.S.	Sociology	Core Math and Soci 3443
B.A.	Spanish	Only Core Math
College of Science and Engineering Technology		
B.S.	Agricultural Business	Math 1324 and either Math 1369 or Stat 1369
B.S.	Agricultural Communications	Math 1324 and either Math 1369 or Stat 1369
B.S.	Agricultural Engineering Technology	Core Math and either Math 1369 or Stat 1369
B.S.	Animal Science	Core Math and either Math 1369 or Stat 1369
B.S.	Animal Science - Pre-Veterinary Medicine	Math 1316 and Stat 3379
B.A.A.S.	Applied Arts and Science	Only Core Math
B.A.	Biology	Math 1314, 1410, and either Math 3379 or Biol 4374 or Stat 3379
B.S.	Biology	Math 1420 and either Math 1430 or 3379 or Stat 3379
B.S.	Biomedical Science	Math 1420 and either Math 1430 or 3379 or Biol 4374
B.A.A.S.	Career and Technology Program	Core Math
B.S.	Chemistry	Math 1420 and 1430
B.S.	Chemistry/Chemical Engineering	Math 1420, 1430, 2440, and 3376
B.S.	Composite Science	Math 1410 and Stat 3379
B.S.	Computing Science	Math 1420, 1430, 2395, Stat 3379, and 3 additional hours of advanced Math
B.S.	Construction Management	Either Math 1314 or 1324 or 1420, and either 1316 or 1430 or 2399
B.S.	Computer Software Engineering Technology	Math 1420, 1430, 2395, 3379, and 3 additional hours of advanced Math
B.S.	Design and Development	Either Math 1314 or 1324 or 1420, and 1316
B.S.	Digital and Cyber Forensic Engineering Technology	Math 1420, 1430, 2395, and 3379
B.S.	Electronics and Computer Engineering Technology	Math 1316, 1420, and either Math 3379 or Engl 3330
B.S.	Engineering Technology	Ether Math 1314 or 1324 or 1420, 1316 and 3379
B.S.	Forensic Chemistry	Math 1420 and 1430
B.A./B.S.	Geography	Core Math and 1369. B.S. also requires either Phil 2303 or 3372.
B.S.	Geology	Math 1420 and either 1430 or 3379
B.S.	Geology - Geoscience	Select one of the following: Math 1314, 1316, 1410 or 1420
B.S.	Interdisciplinary Agriculture	Either Math 1314 or 1332, and either Math 1369 or Stat 1369
B.A./B.S.	Mathematics	Math 1420 and beyond. See course catalog for details.
B.S.	Plant and Soil Sciences	Core Math and an additional 3 hours of Math or Stat. Teacher certification requires either Math 1314 or 1332, and either Math 1369 or 1369.
B.S.	Physics	Core Math and 6 hours of advanced Math or Science
B.S.	Physics/Engineering	Math 1420, 1430, 2440, 3376, and 4376
General Studies		
B.G.S.	General Studies	Only Core Math

* Hlth 3360 requires a prerequisite of either Math 1369, 1370, 3379, or Stat 3379.

The University of Texas at Austin
Charles A. Dana Center

Stephen F. Austin State University	University-Wide Core Math Requirement - 3 hours selected from the following: Math 110, 127, 138, 143, 220, 233.	
	Course Guide	
	Math 110 Math in Society (Math 1332)	Math 220 Introduction to Probability and Statistics (Math 1342)
	Math 127 Introduction to Foundations of Mathematics I (Math 1350)	Math 233 Calculus I (Math 2313/2413)
	Math 128 Intermediate Math for Elementary Teachers (Math 1351)	Math 234 Calculus II (Math 2414)
	Math 129 Concepts and Applications	Math 300 Foundations of Mathematics
	Math 133 Plane Trigonometry (Math 1316)	Math 301 Concepts of Calculus
	Math 138 College Algebra (Math 1314)	Math 302 Concepts in Geometry
	Math 139 Plane Analytic Geometry (Math 1348)	Math 317 Linear Algebra
	Math 140 Precalculus (Math 2412)	Math 333 Calculus III
	Math 143 Finite Mathematics (Math 1324)	Math 337 Differential Equations
	Math 144 Calculus with Business App. (Math 1325)	

Degree	Major	Math Requirements
Nelson Rusche College of Business		
B.B.A.	Accounting	Math 143 and 220
B.B.A.	Banking	Math 143 and 220
B.B.A.	Business Communication and Corporate Education	Math 143 and 220
B.B.A.	Business Economics	Math 143 and 220
B.A.	Economics	Math 220
B.B.A.	Finance	Math 143 and 220
B.B.A.	General Business	Math 143 and 220
B.B.A.	Human Resource Management	Math 143 and 220
B.B.A.	International Business	Math 143 and 220
B.B.A.	Management	Math 143 and 220
B.B.A.	Marketing	Math 143 and 220
B.B.A.	Sports Business	Math 143 and 220
James I. Perkins College of Education		
B.S.	Communication Sciences & Disorders	Math 220
B.S.	Dance (Including Teacher Certification 8-12)	Select one of the following: Math 110, 127, 138, 143, or 220
B.S.	Deaf & Hard of Hearing	Math 127, 128 and 3 hours of Math chosen from 127 or higher. Math specialization may require additional courses.
B.S.	Family & Consumer Sciences	Only Core Math
B.S.	Fashion Merchandising	Only Core Math
B.S.	Food, Nutrition, & Dietetics	Only Core Math
B.S.	Health Science	Select one of the following: Math 110, 127, 138, 143, or 220
B.S.	Hospitality Administration	Only Core Math
B.S.	Human Development and Family Studies	Only Core Math
B.S.I.S.	Interdisciplinary Studies - EC-6 Generalist	Math 127, 128, and one of the following: Math 129, 138, 143, or 220
B.S.I.S.	Interdisciplinary Studies - EC-12 Special Education	Math 127 and 6 hours from following: Math 128, 129, 138, 143, or 220
B.S.I.S.	Interdisciplinary Studies - 4-8 English/Language Arts and Reading	Math 127, 128, and one of the following: Math 129, 138, 143, or 220
B.S.I.S.	Interdisciplinary Studies - 4-8 Generalist	Math 127, 128, and 6 hours from the following: Math 129, 138, 143, or 220

B.S.I.S.	Interdisciplinary Studies - 4-8 Math	Math 127 and 21 hours from the following: Math 128, 129, 138, 220, 300, 301, or 302
B.S.I.S.	Interdisciplinary Studies - 4-8 Science	Math 127, 128, and one of the following: Math 129, 138, 143, or 220
B.S.I.S.	Interdisciplinary Studies - 4-8 Social Studies	Math 127, 128, and one of the following: Math 129, 138, 143, or 220
B.S.	Interior Design	Only Core Math
B.S.	Interior Merchandising	Only Core Math
B.S.	Kinesiology EC-12 Physical Education/Fitness and Human Performance Studies	Select one the following: Math 110, 127, 138, 143, or 220
B.S.	Pre-Audiology	Math 220
B.S.Rhb.	Rehabilitation Services	Only Core Math
College of Fine Arts		
B.A./B.F.A.	Art	Only Core Math
B.A.	Art History	Only Core Math
B.M.	Composition	Only Core Math
B.M.	Music	Only Core Math
B.M.	Performance	Only Core Math
B.M.	Sound Recording Technology	Math 138
B.A./B.F.A.	Studio Art	Only Core Math
B.A./B.F.A.	Theatre	Only Core Math
Arthur Temple College of Forestry and Agriculture		
B.S.Ag.	Agribusiness	Select one of the following: Math 110, 138, 143, 220, or 233
B.S.Ag.	Agricultural Development	Select one of the following: Math 110, 138, 143, 220, or 233
B.S.Ag.	Agricultural Engineering Technology (Machinery)	Select one of the following: Math 110, 138, 143, 220, or 233
B.S.Ag.	Animal Science	Select one of the following: Math 110, 138, 143, 220, or 233
B.S.	Environmental Science	Either Math 138 or 233, and 220
B.S.F.	Forestry - General	Math 220
B.S.F.	Forestry - Forest Management	Math 220
B.S.F.	Forestry - Forest Wildlife Management	Math 220
B.S.Ag.	Horticulture	Select one of the following: Math 110, 138, 143, 220, or 233
B.S.Ag.	Poultry Science	Select one of the following: Math 110, 138, 143, 220, or 233
B.S.	Spatial Science	Math 133, 138, and 220
College of Liberal and Applied Arts		
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.A./B.S.	Communication Studies	Select one of the following: Math 110, 138, 143, 220, or 233. B.S. requires 3-4 additional semester hours from Math 133 or higher.
B.F.A.	Creative Writing	Select one of the following: Math 110, 138, 143, 220, or 233
B.A.	Criminal Justice	Select one of the following: Math 110, 138, 143, 220, or 233
B.A.	English	Select one of the following: Math 110, 138, 143, 220, or 233
B.A./B.S.	Geography	Select one of the following: Math 110, 138, 143, 220, or 233. B.S. requires 3-4 additional semester hours from Math 133 or higher.
B.A.	History	Select one of the following: Math 110, 138, 143, 220, or 233
B.A.	Liberal Studies	Select one of the following: Math 110, 138, 143, 220, or 233
B.A./B.S.	Mass Media	Select one of the following: Math 110, 138, 143, 220, or 233. B.S. requires 3-4 additional semester hours from Math 133 or higher.
B.A.	Modern Languages	Select one of the following: Math 110, 138, 143, 220 or 233
B.S.	Multidisciplinary Studies	Core Math and 3-5 additional semester hours from Math 133 or higher.
B.A.	Philosophy	Select one of the following: Math 110, 138, 143, 220, or 233
B.A./B.S.	Political Science	Select one of the following: Math 110, 138, 143, 220, or 233. B.S. requires 3-4 additional semester hours from Math 133 or higher.

The University of Texas at Austin
Charles A. Dana Center

B.A./B.S.	Psychology	Select one of the following: Math 110, 138, 143, 220, or 233. B.S. requires 3-4 additional semester hours from Math 133 or higher.
B.A./B.S.	Public Administration	Select one of the following: Math 110, 138, 143, 220, or 233. B.S. requires 3-4 additional semester hours from Math 133 or higher.
B.S.W.	Social Work	Select one of the following: Math 110, 138, 143, 220, or 233
B.A./B.S.	Sociology	Select one of the following: Math 110, 138, 143, 220, or 233. B.S. requires 3-4 additional semester hours from Math 133 or higher.
B.A.	Sustainable Community Development	Select one of the following: Math 110, 138, 143, 220, or 233
College of Sciences and Mathematics		
B.S.	Biochemistry	Math 233 and 234
B.S.	Biology	Select 6 hours from the following: Math 220, 233, or 234
B.S.	Chemistry	Math 233 and 234
B.S.	Computer Information Systems	Select one of the following: 138, 143, 144, or 220
B.S.	Computer Science	Select one of the following: 139, 140, 220, 233, or 234
B.S.	Geology	Math 220 and 233
B.A.	Information Technology	Math 220 and one of the following: 133, 138, 139, 140, 143, 144, or 233
B.S.	Mathematics	Math 233 and beyond. See course catalog for details.
B.S.N.	Nursing	Math 220
B.S.	Physics	Math 233, 234, 317, 333, and 337

18

The University of Texas at Austin
Charles A. Dana Center

Source: 2017-2018 Catalog (http://www.sfasu.edu/73.asp)

Sul Ross State University

University-Wide Core Math Requirement - 3 hours selected from the following: Math 1314, 1316, 1332, or 1342.

Course Guide	
Math 1314 College Algebra	Math 2311 Foundations of Elementary Mathematics II
Math 1316 Plane Trigonometry	Math 2413 Calculus I
Math 1325 Business Calculus	Math 2414 Calculus II
Math 1332 Contemporary Mathematics	Ansc 3308 Agricultural Statistics
Math 1342 Elementary Statistical Methods	Nrm 3308 Agricultural Statistics
Math 2310 Foundations of Elementary Math I	Psy 2307 Introductory Statistics for the Behavioral Sciences

Degree	Major	Math Requirements
Agricultural and Natural Resource Sciences		
B.S.	Animal Science	Math 1314, 1342, and Ansc 3308. For other concentrations see course catalog p. 100.
B.S.	Natural Resource Management	Core Math, 3 additional hours of Math (except 1332), and Nrm 3308
College of Education and Professional Studies		
B.B.A.	Business Administration	Either Math 1314 or 1325, and 1342
B.S.	Criminal Justice	Math 1314 and 1342
B.S.	Homeland Security	6 hours of Core Math (except 1332)
B.S.	Industrial Technology	Math 1314 and 3 additional hours of Math (except 1332)
B.S.I.S	Interdisciplinary Studies - EC-6 Generalist	Either Math 1314 or 1342, and either Math 2310 and 2311
B.S.I.S	Interdisciplinary Studies - 4-8 ELA/Reading	Either Math 1314 or 1342, and either Math 2310 and 2311
B.S.I.S	Interdisciplinary Studies - 4-8 Math	Math 1314 and beyond. See course catalog p. 180 for details.
B.S.I.S	Interdisciplinary Studies - 4-8 Science	Either Math 1314 or 1342, and either Math 2310 and 2311
B.S.I.S	Interdisciplinary Studies - 4-8 Social Studies	Either Math 1314 or 1342, and either Math 2310 and 2311
B.S.	Kinesiology and Human Performance	Math 1314 and 1342
College of Arts and Sciences		
B.F.A.	Art	Only Core Math
B.S.	Biology	Math 1342 and one of the following: Math 1314, 1316, or higher
B.S.	Chemistry	Math 1314, 2413, and 2414
B.A.	Communication	Only Core Math
B.S.	Computer Science	Math 1314 and 1316. Cyber Security concentration requires Math 1314 and 1342.
B.A.	English	Only Core Math
B.A.	General Studies	Only Core Math
B.S.	Geology	6 hours from Math 1314, 1316, 1342, 2413, or higher
B.A.	History	Only Core Math
B.S.	Mathematics	Math 2413, 2414, and beyond. See course catalog p. 144 for details.
B.M.	Music	Only Core Math
B.A.	Political Science	Only Core Math
B.A.	Psychology	Core Math and Psy 2307
B.A.	Social Science	Only Core Math
B.A.	Spanish	Only Core Math
B.F.A.	Theatre	Either Math 1314 or 1332 or 1342

The University of Texas at Austin
Charles A. Dana Center

Source: 2017-2018 Catalog (http://www.sulross.edu/sites/default/files//sites/default/files/users/docs/titlev_elc/2017-18_university_catalog.pdf)

Sul Ross State University Rio Grande College	University-Wide Core Math Requirement - 3 hours of Math 1314 or higher.*	
	Course Guide	
	Math 1314 College Algebra	Math 2413 Calculus I
	Math 1316 Plane Trigonometry	Math 3302 Probability and Statistics
	Math 1324 Math for Business & Social Sciences I	Math 3308 Survey of Basic Mathematical Theory I
	Math 1325 Math for Business & Social Sciences II	Math 3309 Survey of Basic Mathematical Theory II
	Math 2312 Precalculus	Qmts 4311 Business Statistics

Degree	Major	Math Requirements
Department of Business Administration		
B.B.A.	General Business	Math 1314 or 1324, 1325, and 1342
Department of Education		
B.A.	Interdisciplinary Studies	Math 1314. Math specialization requires additional hours.
Department of Natural and Behavioral Sciences		
B.S.	Biology	Math 1314, 3302, and either 1316 or 2312
B.S.	Criminal Justice	Math 1314 or higher
B.S.	Mathematics	Math 1314, 1316, and beyond. See course catalog p. 68 for details.
B.S.N.	Nursing	Math 1314
B.A.	Psychology	Math 3302
Department of Humanities		
B.A.S.	Child Development	Only Core Math
B.A.	English	Only Core Math
B.A.	History	Only Core Math
B.A.S.	Organizational Leadership	Only Core Math
B.A.	Social Science	Only Core Math
B.A.	Spanish	Only Core Math

* Sul Ross State University – Rio Grande College is an upper level center that only offers Math courses at the 3000 level and higher.

University-Wide Core Math Requirement - 3 hours selected from the following: Math 1314, 1324, 1332, 1342, 2412, or 2413.	
Course Guide	
Math 1314 College Algebra	Math 3433 Calculus III
Math 1316 Plane Trigonometry	Math 3450 Principles of Bio-Statistics**
Math 1324 Math for Business & Social Sciences I	Math 4304 Survey of Mathematical Ideas
Math 1325 Math for Business & Social Sciences II	Math 4305 Concepts of Elementary Math III
Math 1332 Contemporary Mathematics I	Math 4311 Probability and Statistics II
Math 1342 Elementary Statistical Methods**	Agec 3317 Agricultural Statistics
Math 2412 Precalculus Math	Busi 3311 Business Statistics
Math 2413 Calculus I****	Crij 4318 Criminal Justice Statistics
Math 2414 Calculus II	Engr 3311 Engineering Mathematical Methods
Math 3302 Principles of Geometry	Phbl 3320 Statistics for Health Care
Math 3303 Concepts of Elementary Math I	Phil 2303 Introduction to Logic
Math 3305 Concepts of Elementary Math II	Psyc 3330 Elementary Statistics for Behavioral Sciences***
Math 3306 Differential Equations	Soci 3330 Social Science Statistics
Math 3310 Discrete Mathematics	Wses 2451 Introduction to Geographic Information Systems
Math 3311 Probability and Statistics I	

Degree	Major	Math Requirements
College of Agricultural & Environmental Sciences		
B.S.	Agribusiness	Either Math 1314 or 1324 or 1325, and Agec 3317
B.S.	Agricultural Services and Development	Only Core Math
B.S.	Animal Science - Science	Core Math and either 1342 or 3450**
B.S.	Animal Science - Production	Only Core Math
B.S.	Animal Science - Animal Industries	Math 1314 and Agec 3317***
B.S.	Animal Science - Pre-veterinary Medicine	Math 2412 and 3450
B.S.	Animal Science - Food Nutrition and Meat Applications	Only Core Math
B.S.	Animal Science - Range Management	Only Core Math
B.S.	Environmental Sciences	Either Math 1314 or 1316 or 2412, and 3450
B.A.S.	Veterinary Technology	Only Core Math
B.S.	Wildlife, Sustainability, and Ecosystem Sciences - Agroecology and Sustainable Agriculture	Math 1314 and either Math 1342 or Wses 2451
B.S.	Wildlife, Sustainability, and Ecosystem Sciences - Food Nutrition and Meat Applications	Math 1314
B.S.	Wildlife, Sustainability, and Ecosystem Sciences - Natural Resource Ecology and Crop Science	Select one of the following: Math 1316, 1342, 2412, or Phil 2303
B.S.	Wildlife, Sustainability, and Ecosystem Sciences - Pre-Veterinary Medicine	Only Core Math. Vertebrate Zoology requires Math 2412 and 3450.
B.S.	Wildlife, Sustainability, and Ecosystem Sciences - Soil Science	Either Math 1316 or 2412
B.S.	Wildlife, Sustainability, and Ecosystem Sciences - Sustainability Studies	Only Core Math
B.S.	Wildlife, Sustainability and Ecosystem Sciences - Wildlife Science	Select one of the following: Math 1316, 1342, 2412, or Phil 2303

College of Business Administration		
B.B.A.	Accounting	Core Math, Busi 3311, and 3 hours from the following: Math 1316, 1324, 1325, 2412, or 2413
B.B.A.	Administrative Systems	Math 1324, 1325, and Busi 3311
B.S.	Applied Science	Only Core Math
B.A.A.S.	Business	Core Math and Busi 3311
B.B.A./B.S.	Computer Information Systems	Core Math and Busi 3311. B.B.A. also requires 3 hours from the following: 1316, 1324, 1325, 2412, or 2413.
B.S.	Economics	Math 1324, 1325, and either Agec 3317 or Busi 3311
B.B.A.	Finance	Math 1324, 1325, and Busi 3311
B.B.A.	General Business	Core Math, Busi 3311, and 3 hours from the following: Math 1316, 1324, 1325, 2412, or 2413
B.B.A.	Human Resources Management	Core Math, Busi 3311, and 3 hours from the following: Math 1316, 1324, 1325, 2412, or 2413
B.B.A.	International Business	Core Math, Busi 3311, and 3 hours from the following: Math 1316, 1324, 1325, 2412, or 2413
B.A.A.S.	Information Technology	Only Core Math
B.B.A.	Management	Core Math, Busi 3311, and 3 hours from the following: Math 1316, 1324, 1325, 2412, or 2413
B.B.A.	Marketing	Core Math, Busi 3311, and 3 hours from the following: Math 1316, 1324, 1325, 2412, or 2413
College of Education		
B.S.I.S.	Interdisciplinary Studies - Child & Family Studies	Math 1314, 3303, and 3305
B.S.I.S.	Interdisciplinary Studies - EC-6 Generalist with ESL	Math 1314, 3303, 3305, and 4305
B.S.I.S.	Interdisciplinary Studies - Generalist with Bilingual Certification	Math 1314, 3303, 3305, and 4305
B.S.I.S.	Interdisciplinary Studies - Middle School Generalist with ESL	Math 2412, 2413, 3302, 3303, 3305, 4305, and either 1342 or 3311 or 3450**
B.S.I.S.	Interdisciplinary Studies - Middle School Math with ESL	Math 2412, 2413, 3302, 3303, 3305, 4304, 4305, and either 1342 or 3311 or 3450. Also requires 3 additional hours of advanced Math.**
B.S.I.S.	Interdisciplinary Studies - Middle School Science with ESL	Math 1314, 3303, 3305, and 4305
B.S.I.S.	Interdisciplinary Studies - Middle School Math & Science	Math 2412, 2413, 3302, 3303, 3305, and either 4304 or 4305, and either 1342, 3311, or 3450. Also requires 3 hours of advanced Math.**
B.S.I.S.	Interdisciplinary Studies - Middle School Language Arts & Social Sciences with ESL	Math 1314, 3303, 3305, and 4305
B.S.I.S.	Interdisciplinary Studies - Special Education with ESL	Math 1314, 3303, and 3305
B.S.	Kinesiology	Only Core Math
B.S.	Psychology	Core Math and Psyc 3330
College of Health Sciences and Human Services		
B.A.Tech.	Health Professions Technology	Only Core Math
A.A.S.	Histotechnology	Math 1314
A.A.S.	Medical Laboratory Science	Math 1314
B.S.	Medical Laboratory Science	Math 1314 and 3 additional hours of Math elective
B.S.N.	Nursing	Math 1342
B.S.	Public Health	Core Math and Pbhl 3320.
B.S.	Public Health - Public Health Laboratory Professional	Either Math 1314 or 2412 or 2413, 1342, and Pbhl 3320
B.S.	Public Health - Pre-Graduate	Math 1314, 1342 and Pbhl 3320
B.S.W.	Social Work	Only Core Math

The University of Texas at Austin
Charles A. Dana Center

College of Liberal and Fine Arts		
B.F.A.	Art	Only Core Math
B.A./B.S.	Communication Studies	Only Core Math
B.S.	Criminal Justice	Core Math and one of the following statistics courses: Either Crij 4318, Psyc 3330, or Soci 3330***
B.A.A.S.	Criminal Justice Administration	Only Core Math
B.S.	Digital Media Studies	Only Core Math. Technology concentration requires either Math 1316 or 2412, 2413, and 3310.
B.A.	English	Only Core Math
B.S.	Fashion Studies	Only Core Math
B.S.G.S.	General Studies	Only Core Math
B.S.	Geography and Geographic Information Systems	Math 1314 and Soci 3330
B.A.	History	Only Core Math
B.A	International Studies	Core Math and Soci 3330
B.A./B.M.	Music	Only Core Math
B.M.	Performance	Only Core Math
B.A.	Political Science	Core Math and Soci 3330
B.S.	Political Science	Math 2412, 2413, 2414, 3311, and 4311
B.S.	Sociology	Core Math and Soci 3330
B.A.	Spanish	Only Core Math
B.F.A.	Theatre	Only Core Math
College of Sciences and Technology		
B.S.	Biology	Math 2412. All concentrations also require Math 3450, except for Teacher Certification.
B.S.	Biomedical Sciences	Either Math 2412 or 2413, and 3450. Pre-Pharmacy concentration requires Math 2413.****
B.S.	Chemistry	Math 2413 and 2414
B.S.	Chemistry - Biochemistry	Math 2413 and 2414
B.S.	Chemistry - Environmental Chemistry	Math 2413, 2414, and 3450
B.S.	Chemistry - Forensic Chemistry	Math 2413, 2414, and 3450
B.S.	Chemistry - Interdisciplinary	Math 2413 and 2414
B.S.	Chemistry - Pre-Pharmacy	Math 2413, 2414, and 3450
B.S.	Chemistry - Pre-Medical/Pre-Dental	Math 2413, 2414, and 3450
B.S.	Chemistry - Professional Chemistry	Math 2413 and 2414
B.S.	Chemistry - Teacher Certification	Math 2413 and 2414. Physical Science Certification also requires either Math 3306 or 3433.
B.S.	Civil Engineering	Math 2413, 2414, 3433, 3306, and Engr 3311
B.S.	Computer Science	Math 1342, 2413, 2414, and 3310
B.S.	Construction Science and Management	Core Math, either Math 1316 or 2413, and either Math 1342 or Busi 3311
B.S.	Electrical Engineering	Math 2413, 2414, 3306, 3433, and Engr 3311
B.S.	Engineering Physics	Math 2413, 2414, 3306, 3433, and Engr 3311
B.S.	Environmental Engineering	Math 2413, 2414, 3306, 3433, and Engr 3311
B.S.	Geoscience - Earth Science	Either Math 1314 or 2412, and two from the following: Math 1316, 2413, 2414, 3450.
B.S.	Geoscience - Environmental Science	Math 3450 and two from the following: 1316, 2412, 2413, or 2414
B.S.	Geoscience - Geology	Select two from the following: Math 2412, 2413, 2414, or 3450
B.S.	Geoscience - Hydrogeology	Math 2412, 2413, 2414, and 3450
B.S.	Geoscience - Petroleum Geology	Math 1342, 2413, and 2414
B.S.	Geoscience - Teacher Certification	Math 1314 and either 1316 or 2412 or 2413
B.S.	Industrial Technology	Core Math and either 1316 or 2412

B.S.	Manufacturing Engineering Technology	Core Math, 1316 (or above), 2413, and 2414
B.A.A.S.	Manufacturing and Industrial Management	Core Math and either 1316 or 1342
B.S.	Mathematics	Math 2413 and beyond. See course catalog for details.
B.S.	Mechanical Engineering	Math 2413, 2414, 3433, and 3306
B.S.	Mechanical Engineering Technology	Core Math, either Math 1316 or 2412, 2413, and 2414
B.S.	Physics	Math 2413, 2414, 3433, and 3306

** Credit cannot be awarded for both Math 1342 and Math 3450.

*** Math 1314 or equivalent with approval of the Department Head is a prerequisite.

**** A student who counts Math 2413 toward their general education requirement must complete 1 additional advanced credit hour to meet the 120 hour program requirement and 45 advanced hours requirement.

Texas A&M University
Central Texas

University-Wide Core Math Requirement - 3 hours from Math 1314, 1316, 1324, 1325, 1332, 1342, 1414, 1425, 1442, 2305, 2312, 2313, 2314, 2315, 2318, 2320, 2312, 2412, 2413, 2412, 2414, 2415, 2418, 2420, 2421, and Psyc 2317.

Course Guide

Math 1314/1414 College Algebra	Math 3303 Concepts of Elementary Math I
Math 1316 Plane Trigonometry	Math 3305 Concepts of Elementary Math II
Math 1324 Mathematics for Business & Social Sciences	Math 3310 Discrete Mathematics
Math 1325/1425 Calculus for Business & Social Sciences	Math 3332 Linear Algebra
Math 1332 Contemporary Mathematics	Math 3350 Principles of Bio-Statistics
Math 1342/1442 Elementary Statistical Methods	Math 3360 Numerical Analysis I
Math 2305 Discrete Mathematics	Math 4305 Concepts of Elementary Math III
Math 2312/2412 Precalculus	Busi 3311 Business Statistics*
Math 2313/2413 Calculus I	Crij 4315 Criminal Justice Statistics
Math 2314/2414 Calculus II	Poli 3330 Understanding Social Science Research
Math 2315/2415 Calculus III	Psyc 2317 Statistical Methods in Psychology
Math 2318/2418 Linear Algebra	Psyc 3330 Statistics for Behavioral Sciences
Math 2320/2420 Differential Equations	Soci 4315 Social Science Statistics
Math 3300 Principles of Statistics*	Sowk 4320 Social Work Research Statistics

Degree	Major	Math Requirements
College of Arts and Sciences		
B.S.	Biology	Math 2313 and 3350
B.S.	Criminal Justice	Core Math and one of the following statistics courses: Soci 4315, Psyc 3330, or Crij 4315
B.A.	English	Only Core Math. Teacher Certification option requires Math 1314.
B.A.	History	Only Core Math. Teacher Certification option requires Math 1314.
B.S.	Liberal Studies	Only Core Math
B.S.	Mathematics	Math 2413 and beyond. See course catalog for details.
B.S.N.	Nursing	Math 1342
B.A./B.S.	Political Science	Only Core Math. B.S. also requires either Poli 3330 or Soci 4315. Teacher Certification option requires Math 1314 and either Poli 3330 or Soci 4315.
B.S.W.	Social Work	Core Math and Sowk 4320
B.S.	Sociology	Core Math and either Soci 4315 or Crij 4315
College of Business Administration		
B.B.A.	Accounting	Core Math and either Math 3300 or Busi 3311*
B.S.	Aviation Science	Only Core Math. Aviation Management concentration also requires Busi 3311.*
B.A.A.S.	Business Management	Core Math and Busi 3311*
B.B.A./B.S.	Computer Information Systems	Core Math and Busi 3311*
B.S.	Computer Science	Math 2413, 2414, and either Math 1342 or 3300, and either Math 2305 or 3310, and either Math 3360 or 3332
B.B.A.	Finance	Either Math 1314 or 1324, and Busi 3311*
B.B.A.	Human Resource Management	Core Math and Busi 3311*
B.B.A.	Management	Core Math and Busi 3311*
B.B.A.	Marketing	Core Math and Busi 3311*
College of Education		
B.S.I.S.	Interdisciplinary Studies - EC-6 Generalist and All-Level Special Education	Math 1314, 3303, and 3305
B.S.I.S.	Interdisciplinary Studies - EC-6 Generalist/ESL	Math 1314, 3303, 3305, and 4305

The University of Texas at Austin
Charles A. Dana Center

B.S.I.S.	Interdisciplinary Studies - 4-8 Language Arts & Social Studies	Math 1314, 3303, and 3305
B.S.I.S.	Interdisciplinary Studies - 4-8 Mathematics	Math 2413 and beyond. See course catalog for details.
B.S.I.S.	Interdisciplinary Studies - EC-6 Music Instrumental	Math 1314, 3303, and 3305
B.S.I.S.	Interdisciplinary Studies - EC-6 Music Vocal	Math 1314, 3303, and 3305
B.S.	Psychology	Math 1314 and Psyc 3330

* Math 1314 is a prerequisite for Math 3300. Math 1324 (or higher) is a prerequisite for Busi 3311.

Texas A&M University Commerce	University-Wide Core Math Requirement - 3 hours selected from the following: Math 142, 176, 179, 192, 1314, 1324, 1342, or 2413.	
	Course Guide	
	Math 1314 College Algebra	Math 361 Math Modeling of Science for Middle School I
	Math 1324 Math for Business Applications I	Math 362 Math Modeling of Science for Middle School II
	Math 1342 Elementary Statistical Methods	Math 372 Mathematics Structures and Applications
	Math 2413 Calculus I	Math 380 GLB/Mathematics History
	Math 142 Precalculus (Math 2312)	Math 401 Introduction to Math Statistics
	Math 176 Math for Business Applications II (Math 1325)	Math 453 Essentials of Statistics
	Math 179 Math Applications and Philosophy (Math 1332)**	Math 460 Math for Secondary Teachers
	Math 192 Calculus II (Math 2414)	Aec 380 Agricultural Statistics***
	Math 301 Introductory Geometry	Bsc 412 Quantitative Biology***
	Math 314 Calculus III	Eco 302 Business and Economic Statistics ***
	Math 315 Differential Equations	Engr 213 Engineering Statistics
	Math 331 Discrete Mathematics	Psy 202 Understanding Statistics Concepts and Controversies
	Math 335 Linear Algebra	Psy 302 Psychological Statistics
	Math 350 Fundamentals of Math I (Math 1350)	Soc 332 Methods of Statistical Analysis*
	Math 351 Fundamentals of Math II (Math 1351)	

Degree	Major	Math Requirements
College of Business		
B.B.A.	Accounting	Either Math 1314 or 1324, 176, and Eco 302
B.S.	Business Administration	Either Math 1314 or 1324, 176, and Eco 302
B.B.A.	Business Analytics	Either Math 1314 or 1324, 176, and Eco 302
B.B.A.	Finance	Either Math 1314 or 1324, 176, and Eco 302
B.B.A.	General Business	Either Math 1314 or 1324, 176, and Eco 302
B.B.A.	Management	Either Math 1314 or 1324, 176, and Eco 302
B.B.A.	Marketing	Either Math 1314 or 1324, 176, and Eco 302
College of Education and Human Services		
B.S.	Learning and Technology	Only Core Math
B.A.I.S/B.S.I.S.	Interdisciplinary Studies - EC-6 Generalist	Math 1314, 350, and 351
B.A.I.S/B.S.I.S.	Interdisciplinary Studies - EC-6 Bilingual	Math 1314, 350, and 351
B.A.I.S/B.S.I.S.	Interdisciplinary Studies - EC-6 Special Education	Math 1314, 350, and 351
B.A.I.S/B.S.I.S.	Interdisciplinary Studies - 4-8 ESL ELA/Reading	Math 1314, 350, and 351
B.A.I.S/B.S.I.S.	Interdisciplinary Studies - 4-8 ELA/Reading	Math 1314, 350, and 351
B.A.I.S/B.S.I.S.	Interdisciplinary Studies - 4-8 ESL Mathematics	Math 1314, 350, 351, 301, 361, 362, 372, 380, and 453
B.A.I.S/B.S.I.S.	Interdisciplinary Studies - 4-8 Mathematics	Math 1314, 350, 351, 301, 361, 362, 372, 380, and 453
B.A.I.S/B.S.I.S.	Interdisciplinary Studies - 4-8 ESL Science	Math 1314, 350, and 351
B.A.I.S/B.S.I.S.	Interdisciplinary Studies - 4-8 Science	Math 1314, 350, and 351
B.A.I.S/B.S.I.S.	Interdisciplinary Studies - 4-8 Mathematics/Science	Math 1314, 350, 351, 301, 361, 362, 372, 380, and 453
B.A./B.S.	Kinesiology and Sports Studies	Only Core Math. Human Performance concentration requires Math 1314.
B.S.N.	Nursing	Math 1314 and either Math 453 or 1342 or Psy 302
B.A.A.S.	Organizational Leadership	Only Core Math
B.S.	Public Health	Core Math and Math 453

B.S.	Psychology	Core Math, Psy 202, and 302
B.S.W.	Social Work	Only Core Math
B.S.	Sport and Recreation Management	Only Core Math
College of Humanities, Social Sciences and Arts		
B.A.	Art	Only Core Math
B.A./B.S.	Communication Studies	Only Core Math
B.A.C.J./B.S.C.J.	Criminal Justice	Core Math and Soc 332. Sociology 332 requires a prerequisite of either Math 1314 or 1324 or 179.
B.A.	English	Only Core Math. Middle School Teaching Certification requires Math 1314, 350, and 351.
B.A./B.S.	History	Only Core Math. Middle School Teaching Certification requires Math 1314, 350, and 351.
B.A./B.S.	Journalism	Only Core Math
B.A./B.S.	Liberal Studies	Only Core Math
B.M./B.S.	Music	Only Core Math
B.A./B.S.	Paralegal Studies	Only Core Math
B.A./B.S.	Political Science	Only Core Math
B.A./B.S.	Radio and Television	Only Core Math
B.A./B.S.	Sociology	Core Math and Soc 332*
B.A.	Spanish	Only Core Math
B.F.A.	Studio Art	Only Core Math
B.A./B.S.	Theatre	Only Core Math
College of Science and Engineering		
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.A./B.S.	Biological Sciences	Select 6 sequential hours from the following: Math 1314, 142, 2413, or 192. Also requires one of the following: Math 453, Bsc 412, or Psy 302.***
B.S.	Biological Sciences - Teacher Certification	Only Core Math*
B.A./B.S.	Broadfield Science - Physics Emphasis	Math 2413, 192, and 314
B.S.	Chemistry	Math 2413, 192, and 314
B.S.	Chemistry - Teacher Certification	Math 2413
B.S.	Computer Science	Math 2413, 192, 331, 401, and an advanced Math elective (Math 301, 350, 351, 361, 362, 372, 380, and 460 are not options)
B.S.C.I.S	Computer Information Systems	Either Math 1314 or 1324, 176, and Eco 302. Math 453 is an alternative to Eco 302 for Teaching Certification.
B.S.	Construction Engineering	Math 2413, 192, 314, 315, 335, and Engr 213
B.S.	Electrical Engineering	Math 2413, 192, 314, 315, 335, and Engr 213
B.S.	Environmental Science	Only Core Math*
B.G.S.	General Studies	Only Core Math
B.S.	Industrial Engineering	Math 2413, 192, 315, 335, and Engr 213
B.A./B.S.	Mathematics	Math 2413 and beyond. See course catalog for details.
B.A./B.S.	Physics	Math 2413, 192, 314, and 315. Biophysics emphasis does not require Math 315.
B.S.	Pre-Medical	Please see course catalog for listing and requirements of pre-medical programs.
B.S.	Technology Management	Math 142 and 2413
School of Agriculture		
B.A./B.S.	Agribusiness	Core Math and Aec 380***
B.S.	Agricultural Science	Only Core Math*
B.S.	Agricultural Science and Technology	Only Core Math*
B.S.	Animal Science	Core Math and one of the following: Aec 380, Bsc 412, Eco 302, or Math 453. Eco 302 is not an option for the Pre-Veterinary Medicine emphasis.***

The University of Texas at Austin
Charles A. Dana Center

B.S.	Equine Studies	Only Core Math*
B.S.	Wildlife and Conservation Science	Core Math and either Aec 380 or Bsc 412***

* Math 1314 or 1324 or 179 is prerequisite for other required courses.

** Math 1332 is accepted as equivalent to Math 179 for transfer credit.

*** Aec 380 requires a prerequisite of either Math 1314 or 175 (or higher). Bsc 412 requires a prerequisite of Math 1314. Eco 302 requires a prerequisite of Math 176 or 1325.

The University of Texas at Austin
Charles A. Dana Center

Texas A&M University Corpus Christi

University-Wide Core Math Requirement - 3 hours of Math from the following: Math 1314, 1324, 1325, 1332, 1442, 2413, or Phil 2303.

Course Guide

Math 1314 College Algebra	Math 3312 College Geometry
Math 1316 Trigonometry	Math 3315 Differential Equations
Math 1324 Mathematics for Business and Social Sciences	Math 3342 Applied Probability and Statistics
Math 1325 Calculus for Business and Social Sciences	Math 3345 Statistical Modeling and Data Analysis
Math 1332 Contemporary Mathematics	Math 4328 Discrete Mathematics II
Math 1442 Statistics for Life	Gisc 3300 Geospatial Mathematics Techniques
Math 2312 Precalculus	Orms 3310 Data Analysis and Statistics
Math 2305 Discrete Mathematics I	Phil 2303 Introduction to Logic and Critical Thinking
Math 2413 Calculus I	Smte 1350 Fundamentals of Mathematics I (Math 1350)
Math 2414 Calculus II	Smte 1351 Fundamentals of Mathematics II (Math 1351)
Math 2415 Calculus III	Smte 3352 Fundamentals of Mathematics III
Math 3311 Linear Algebra	Smte 4382 Basic Mathematics from an Advanced Viewpoint

Degree	Major	Math Requirements
College of Business		
B.B.A.	Accounting	1324, 1325, and Orms 3310**
B.B.A.	Economics	1324, 1325, and Orms 3310**
B.B.A.	Finance	1324, 1325, and Orms 3310**
B.B.A.	General Business	1324, 1325, and Orms 3310**
B.B.A.	Management	1324, 1325, and Orms 3310**
B.B.A.	Management Information Systems	1324, 1325, and Orms 3310**
B.B.A.	Marketing	1324, 1325, and Orms 3310**
College of Education and Human Development		
B.S.	Athletic Training	Either Math 1314 or 1442
B.S.I.S.	Interdisciplinary Studies - EC-6 Generalist, EC-6 Bilingual, EC-12 Special Education, EC-6 with Reading	Math 1314, Smte 1350, 1351, and 3352
B.S.I.S.	Interdisciplinary Studies - 4-8 Math	Math 1314, either 1316 or 2312, 1442, 2305, 2413, 3311, 3312, Smte 1350, 1351, 3352, and 4382
B.S.	Kinesiology	Only Core Math. Exercise Science specialization requires Math 1442.
College of Liberal Arts		
B.A.S.	Applied Science	Only Core Math. Information Technology track also requires Math 2305.
B.A./B.F.A.	Art	Only Core Math
B.A.	Communication	Only Core Math
B.S.	Criminal Justice	Math 1442
B.A.	English	Only Core Math
B.A.	Graphic Design	Only Core Math
B.A.	History	Only Core Math
B.A.	Media Arts	Only Core Math
B.A./B.M.	Music	Only Core Math
B.A.	Philosophy	Phil 2303
B.A.	Political Science	Math 1442
B.A.	Psychology	Math 1442

B.A.	Sociology	Math 1442
B.A.	Spanish	Only Core Math
B.A.	Theatre	Only Core Math
College of Nursing and Health Sciences		
B.S.N.	Nursing	Math 1442
B.S.H.S.	Health Sciences	Only Core Math
College of Science and Engineering		
B.S.	Atmospheric Sciences	Math 2413, 2414, 2415, 3311, 3315, and 3345
B.S.	Biology	Math 2413 and one of the following: Math 1314, 1316, 2312, 2414, or 3342. Ecology track also requires Math 3342. Integrative Biology track requires Math 2413, and either Math 2414 or 3342.
B.S.	Biomedical Sciences	Math 1442. Forensic Science option requires Math 2413, and either Math 1442 or 3342.
B.S.	Chemistry	Math 2413, 2414, and 2415. Environmental and Biochemistry concentrations require Math 1442, 2413, and 2414.
B.S.	Computer Science	Math 2413, 2305, and either 3342 or 3345. Systems Programming option also requires Math 2414 and 4328. Computer Game Programming option also requires Math 2414, 3311, and 4328.
B.S.	Electrical Engineering	Math 2305, 2413, 2414, 2415, 3311, 3315, and 3345
B.S.	Environmental Science	Math 1442 or 2413. Earth System Science concentration requires Math 2413, 2414, 3311, and 3342. Marine and Coastal Resources, Environmental Health and Monitoring, and Policy and Regulations concentrations require either Math 1442 or 2413. Science Education concentration requires Math 1442, and either Math 1316, 2312, or 2413.*
B.S.	Geographic Information Science	Math 2413, 2414, 3342, and Gisc 3300
B.S.	Geology	Math 2413 and 3342
B.S.	Mathematics	<u>Math 2413 and beyond. See course catalog for details.</u>
B.S.	Mechanical Engineering	Math 2413, 2414, 2415, and 3315. Math 3342 is recommended as an upper division elective.
B.S.	Mechanical Engineering Technology	Math 2413 and 2414
B.S.	Physics	Math 2413, 2414, 2415, and 3315
University Studies		
B.A./B.S./B.A.S.	University Studies	Only Core Math

* If Math 1442 is not taken, then Math 3342 is required from the designated elective hours. Math 2413 is a prerequisite to Math 3342.

** Higher level mathematics course may be accepted as a substitute for Math 1324 with approval. Math 1314 is a prerequisite for Math 1334 and Orms 3310.

Texas A&M University Galveston

University-Wide Core Math Requirement - 6 hours selected from the following: Math 131, 140, 141, 142, 147, 148, 150, 151, 152, 166, 167, 171, 172, and Phil 240.

Course Guide

Math 131 Mathematical Concepts - Calculus	Math 167 Explorations in Mathematics
Math 140 Mathematics for Business and Social Sciences (Math 1324)	Math 171 Analytic Geometry and Calculus
Math 141 Finite Mathematics	Math 172 Calculus
Math 142 Business Calculus (Math 1325 & 1425)	Math 251 Engineering Mathematics III
Math 147/148 Calculus for Biological Sciences I & II	Marb 303 Biostatistics*
Math 150 Functions, Trigonometry and Linear Systems (Math 2412)	Phil 240 Introduction to Logic (Phil 2303)
Math 151 Engineering Math I (Math 2413)	Scmt 303 Statistical Methods
Math 152 Engineering Math II (Math 2414)	Stat 201 Elementary Statistical Inference (Math 1342/1442)
Math 166 Topics in Contemporary Math II	Stat 303 Statistical Methods*

Degree	Major	Math Requirements
Department of Liberal Studies		
B.A.	Maritime Studies	Only Core Math
B.S.	University Studies - Marine Environmental Law and Policy Concentration	Only Core Math
B.S.	University Studies - Maritime Public Policy and Communication Concentration	Only Core Math
B.S.	Tourism and Coastal Community Development Concentration	Only Core Math
Department of Marine Biology		
B.S.	Marine Biology	Marb 303, either Math 142 or 151, and one of the following: Math 141, 150, 152, or Phil 240
B.S.	Marine Biology - License Option	Marb 303, either Math 142 or 151, and one of the following: Math 141, 150, 152, 166, or Phil 240
B.S.	Marine Fisheries	Marb 303, either Math 142 or 151, and one of the following: Math 141, 150, 152, or Phil 240
Department of Marine Engineering Technology		
B.S.	Marine Engineering Technology	Math 151 and 152
Department of Marine Sciences		
B.S.	Marine Sciences	Math 151 and 152
B.S.	Marine Sciences - License Option	Math 151 and 152
B.S.	Marine Sciences - Chemical Marine Science	Math 151 and 152
B.S.	Marine Sciences - Geological Marine Science	Math 151 and 152
B.S.	Marine Sciences - Integrated Marine Science	Math 151 and 152
B.S.	Marine Sciences - Physical Marine Science	Math 151, 152, 251, and 308
B.S.	Ocean and Coastal Resources	Either Math 142 or 151, and either Math 141 or 152, and Stat 303
B.S.	University Studies - Oceans and One Health Concentration	Core Math and one of the following: Marb 303, Scmt 303, Stat 201, and 303*
Department of Maritime Administration		
B.S.	Maritime Administration	Math 141 and 142 and Scmt 303
Department of Transportation		
B.S.	Marine Transportation	Math 141 and 142

* Math 141 or 166 or equivalent is a prerequisite for Stat 303. Math 151 or 142 is a prerequisite for Marb 303.

		University-Wide Core Math Requirement - 3 hours selected from the following: Math 1314, 1316, 1324, 1333, 1342, 2412, or 2413.	
		Course Guide	
		Math 1314 College Algebra	Math 2413 Calculus I
		Math 1316 Plane Trigonometry	Math 2414 Calculus II
Texas A&M		Math 1324 Business Mathematics I	Math 2415 Calculus III
International University		Math 1325 Business Mathematics II	Math 3310 Introduction to Linear Algebra
		Math 1333 Mathematics for Liberal Arts II	Math 3330 Ordinary Differential Equations
		Math 1342 Introductory Statistics	Crij 4325 Statistics in Criminal Justice
		Math 1350 Fundamentals of Math I	Ds 2310 Business Statistics I
		Math 1351 Fundamentals of Math II	Psyc 2317 Basic Statistics for Psychology
		Math 2412 Precalculus	

Degree	Major	Math Requirements	
College of Arts and Sciences			
B.A.A.S.	Applied Arts and Sciences	Only Core Math	
B.A.	Art	Only Core Math	
B.A./B.S.	Biology	Math 1342. B.S. requires Math 1316 or equivalent as prerequisite to Phys 1301.	
B.S.	Chemistry	Math 2413, 2414, and 3330	
B.A.	Communication	Only Core Math	
B.A.	Communication and Spanish	Only Core Math	
B.S.C.J.	Criminal Justice	Only Core Math	
B.A.	Criminal Justice and Political Science	Math 1342	
B.A.	English	Only Core Math	
B.A.	English - 7-12 Certification	Only Core Math	
B.A.	History	Only Core Math	
B.A.	History - 7-12 Certification	Only Core Math	
B.A.	History and Political Science	Only Core Math	
B.A./B.S.	Mathematics	Math 2413 and beyond. See course catalog for details.	
B.A.	Mathematics - 7-12 Certification	Math 2413 and beyond. See course catalog for details.	
B.A.	Multidisciplinary Studies	Math 1314 and an additional 3 SCH above Math 1314	
B.A./B.M.	Music	Only Core Math	
B.A.	Political Science	Math 1342	
B.A.	Psychology	Core Math and Psyc 2317	
B.S.	Science - 7-12 Certification	Math 1342. This degree requires Math 1316 or equivalent as prerequisite to Phys 1301.	
B.A.	Sociology	Math 1342.	
B.A.	Spanish	Only Core Math	
B.S.	Systems Engineering	Math 2413, 2414, 2415, 3310, and 3330	
College of Education			
B.S.	Communication Disorders	Math 1342	
B.S.I.S.	Interdisciplinary Studies - Elementary Education with EC-6 Certification (Bilingual Emphasis)	Math 1314, 1350, and 1351	
B.S.I.S.	Interdisciplinary Studies - Elementary Education with EC-6 Certification (Early Learning Emphasis)	Math 1314, 1350, and 1351	
B.S.	Kinesiology	Only Core Math	
B.S.	Special Education	Math 1314, 1350, and 1351	

The University of Texas at Austin
Charles A. Dana Center

College of Nursing and Health Sciences		
R.N./B.S.N.	Nursing	Math 1342
A.R. Sanchez, Jr. School of Business		
B.B.A.	Accounting	Math 1324, 1325, and Ds 2310
B.B.A.	Business Administration	Math 1324, 1325, and Ds 2310
B.B.A.	Finance	Math 1324, 1325, and Ds 2310
B.B.A.	International Economics	Math 1324, 1325, and Ds 2310
B.B.A.	Management	Math 1324, 1325, and Ds 2310
B.B.A.	Management Information Systems	Math 1324, 1325, and Ds 2310
B.B.A.	Marketing	Math 1324, 1325, and Ds 2310
University College		
B.A.	Multidisciplinary Studies	Only Core Math
B.A.	Multidisciplinary Studies - Pre-Law Option	Only Core Math
B.A.	Multidisciplinary Studies - Art and Business	Only Core Math
B.A.	Multidisciplinary Studies - Early Learning	Only Core Math
B.A.	Multidisciplinary Studies - Ethical Leadership in Business	Only Core Math
B.A.	Multidisciplinary Studies - Ethical Leadership in Politics and Law	Only Core Math
B.A.	Multidisciplinary Studies - Health Administration	Only Core Math
B.A.	Multidisciplinary Studies - Human Resources Development	Only Core Math
B.A.	Multidisciplinary Studies - Organizational Psychology and Business	Only Core Math

<table>
<tr><td rowspan="18" align="center">Texas A&M University
Kingsville</td><td colspan="2">University-Wide Core Math Requirement - 3 hours selected from the following: Math 1314, 1316, 1324, 1325, 1334, 1348, 1350, or 2413 or Phil 2303.</td></tr>
<tr><td colspan="2">Course Guide</td></tr>
<tr><td>Math 1314 College Algebra</td><td>Math 4372 Mathematics for Physics and Engineering I</td></tr>
<tr><td>Math 1316 Trigonometry</td><td>Math 4373 Applications of Matrix Methods</td></tr>
<tr><td>Math 1324 Math for Business and Economics I</td><td>Math 4374 Numerical Analysis</td></tr>
<tr><td>Math 1325 Math for Business and Economics II</td><td>Ansc 4308 Statistics in Agriculture</td></tr>
<tr><td>Math 1334 Contemporary Mathematics (1332)</td><td>Buad 3355 Business Statistics</td></tr>
<tr><td>Math 1348 Analytic Geometry</td><td>Geog 3470 Quantitative Methods in Geography</td></tr>
<tr><td>Math 1350 Fundamentals of Mathematics I</td><td>Mgmt 3312 Organization Theory and Human Behavior</td></tr>
<tr><td>Math 1351 Fundamentals of Mathematics II</td><td>Phil 2303 Introduction to Logic</td></tr>
<tr><td>Math 2413 Calculus I</td><td>Psyc 3381 Statistics for the Behavioral Sciences</td></tr>
<tr><td>Math 2414 Calculus II</td><td>Soci 3381 Statistics for the Behavioral Sciences</td></tr>
<tr><td>Math 3320 Differential Equations</td><td>Soci 3482 Behavioral Statistics</td></tr>
<tr><td>Math 3370 Discrete Mathematics</td><td>Stat 1342 Elementary Statistics (Math 1342)</td></tr>
<tr><td>Math 3415 Calculus III</td><td>Stat 4301 Statistics for Biometrics</td></tr>
<tr><td>Math 4341 Linear Algebra and Matrix Theory</td><td>Stat 4303 Statistical Methods</td></tr>
</table>

Degree	Major	Math Requirements
	College of Agriculture, Natural Resources, and Human Sciences	
B.S.	Agriculture - Agribusiness	Math 1324 and 1325
B.S.	Agriculture - Agribusiness/Ranch Management	Math 1324 and 1325
B.S.	Agriculture - Agriculture Science	Math 1314 and Ansc 4308
B.S.	Agriculture - Agriculture Science and Technology with Teaching Certification	Math 1314
B.S.	Agriculture - Animal Science	Math 1314 and Ansc 4308. Pre-Veterinary concentration also requires either Math 2413 or Ansc 4308, and Math 1316.
B.S.	Agriculture - Range and Wildlife Management	Math 1314, 1325, and Ansc 4308
B.S.	Agriculture - Plant and Soil Science	Math 1314 and Ansc 4308
B.S.	Agriculture - Animal-Wildlife Veterinary Technology	Math 1314
B.S.	Human Nutrition	Math 1314 and Stat 1342
B.S.	Human Sciences	Math 1314. Fashion Merchandising concentration requires either 1314 or 1324, and either Buad 3341 or 3355 or Mgmt 3312.
	College of Arts and Sciences	
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.A.	Art	Only Core Math
B.F.A.	Art	Math 1314
B.A.	Biology	Math 1316
B.S.	Biology	Math 1316 and one of the following: Stat 1342, 4301, or 4303
B.S.	Biology with Teaching Certification	Math 1316 and Stat 1342
B.S.	Biomedical Sciences	Math 2413 and Stat 4301
B.A.	Communication	Only Core Math
B.S.	Communication Sciences and Disorders	Core Math and Psyc 3381
B.S.	Chemistry	Math 1348, 2413, and 2414
B.S.	Chemistry - Biochemistry	Math 2413, 2414, and Stat 4301
B.S.	Chemistry - Pharmaceutical Chemistry	Math 1348, 2413, and Stat 4310

B.S.	Chemistry - Pre-Health	Math 2413, 2414, and Stat 4310
B.A.	Chemistry with Teaching Certification	Math 1348, 2413, and 2414
B.A.	Criminal Justice	Math 1314 and either Psyc 3381 or Soci 3381
B.S.	Criminology	Either Math 1314 or 1334, and either Psyc 3381 or Soci 3381
B.A.	English	Only Core Math
B.S.	Geology	Math 2413
B.S.	Geology - Geography	Math 2413 and Geog 3470
B.S.	Geology - Geophysics	Math 2413, 2414, 3320, and 3 hours of advanced level mathematics
B.S.	Geology with Teaching Certification 8-12	Math 1316 and 1348. These can be substituted with any two more advanced Math courses.
B.A.	History	Only Core Math
B.A./B.S.	Mathematics	Math 2413 and beyond. See course catalog p. 199 for details.
B.M.	Music	Math 1314
B.S.	Physics	Math 2413, 2414, 3415, and 3320
B.A.	Political Science	Either Math 1314 or 1334, and either Buad 3355 or Soci 3381. All except Business minors should take Soci 3381; Business minors will also need to take Math 1325, a prerequisite for Buad 3355.
B.A.	Psychology	Either Math 1314 or 1334, and Psyc 3381
B.A.	Sociology	Either Math 1314 or 1334, and Soci 3482
B.S.W.	Social Work	Core Math and either Psyc 3381 or Soci 3381
B.A.	Spanish	Only Core Math
B.A.	Speech with Teaching Certification	Only Core Math
College of Business Administration		
B.B.A.	Accounting	Math 1314, 1324, and Buad 3355
B.B.A.	Finance	Math 1314, 1324, and Buad 3355
B.B.A.	General Business Administration	Math 1314, 1324, and Buad 3355
B.B.A.	Information Systems	Math 1314, 1324, and Buad 3355
B.B.A.	Management	Math 1314, 1324, and Buad 3355
B.B.A.	Marketing	Math 1314, 1324, and Buad 3355
College of Education and Human Performance		
B.S.	Interdisciplinary Studies - Generalist EC-6 with Bilingual Supplemental	Math 1314, 1350, and 1351
B.S.	Interdisciplinary Studies - Business and Finance 6-12	Math 1324 and 1325
B.S.	Interdisciplinary Studies - English Language Arts/Reading 4-8	Math 1314, 1350, and 1351
B.S.	Interdisciplinary Studies - English Language Arts/Reading 7-12	Math 1314
B.S.	Interdisciplinary Studies - Generalist 4-8	Either Math 1314 or 1316, 1350, 1351, and Stat 1342
B.S.	Interdisciplinary Studies - Generalist EC-6	Either Math 1314, 1350, and 1351
B.S.	Interdisciplinary Studies - Mathematics 4-8	Math 1314 and beyond. See course catalog p. 291 for details.
B.S.	Interdisciplinary Studies - Science 4-8	Math 1314, 1316, and 1350
B.S.	Interdisciplinary Studies - Science 7-12	Math 1314 and 1316
B.S.	Interdisciplinary Studies - Social Studies 4-8	Math 1314, 1350, and 1351
B.S.	Interdisciplinary Studies - Special Education EC-12	Math 1314, 1350, and 1351

The University of Texas at Austin
Charles A. Dana Center

B.S.	Interdisciplinary Studies - Technology Applications 7-12	Math 1314
B.S.	Interdisciplinary Studies - Technology Applications EC-12	Math 1314 or 1324
B.S.	Kinesiology	Math 1314. Sport Business concentration requires either Math 1314 or 1324.
B.S.	Kinesiology - Exercise Science	Math 1314
College of Engineering		
B.S.	Architectural Engineering	Math 2413, 2414, 3320, and math elective. Elective options: Math 3415, 4341, 4372, 4374, or any other approved upper level mathematics course recommended
B.S.	Chemical Engineering	Math 2413, 2414, 3320, and 3415
B.S.	Civil Engineering	Math 2413, 2414, 3320, and Stat 4303
B.S.	Computer Science	Math 2413, 2414, 3320, 3370, and Stat 1342
B.S.	Electrical Engineering	Math 2413, 2414, 3320, 3415, and 4341
B.S.	Environmental Engineering	Math 2413, 2414, 3320, and Stat 4303
B.S.	Industrial Management and Technology	6 hours selected from the following: Math 1314, 1316, 1324, or 1325
B.S.	Mechanical Engineering	Math 2413, 2414, 3320, 3415, and mathematics elective chosen from one of the following: Math 4341, 4370, 4371, 4372, 4373, 4374, or Stat 4303
B.S.	Natural Gas Engineering	Math 2413, 2414, 3320, and Stat 4303

The University of Texas at Austin
Charles A. Dana Center

Texas A&M University Main Campus

University-Wide Core Math Requirement - 6 hours selected from the following: Math 131, 140, 141, 142, 147, 148, 150, 151, 152, 166, 167, 171, 172, and Phil 240.

Course Guide	
Math 102 College Algebra (Math 1314, 1414)	Math 323 Linear Algebra
Math 131 Mathematical Concepts - Calculus	Math 365/366 Structure of Math I & II
Math 140 Mathematics for Business and Social Sciences (Math 1324)*	Math 367 Basic Concepts of Geometry
Math 141 Finite Mathematics	Math 401 Advanced Engineering Math
Math 142 Business Calculus (Math 1325, 1425)*	Aero 220 Introduction to Aerospace Computation
Math 147/148 Calculus for Biological Sciences I & II	Aero 430 Numerical Simulation
Math 150 Functions, Trigonometry and Linear Systems (Math 2412)	Agcj 411 Audience and Communications Research Methods
Math 151 Engineering Math I (Math 2413)	Bmen 350 Statistics for Biomedical Engineering
Math 152 Engineering Math II (Math 2414)	Eset 329 Six Sigma and Applied Statistics
Math 166 Topics in Contemporary Math II	Essm 313 Vegetation Sampling Methods & Designs of Ecosystems
Math 167 Explorations in Mathematics	Epsy 435 Educational Statistics
Math 170 Freshman Mathematics Laboratory	Masc 351 Problem Solving in Mathematics
Math 171 Analytic Geometry and Calculus	Masc 450 Integrated Mathematics
Math 172 Calculus	Phil 240 Introduction to Logic (Phil 2303)
Math 220 Foundations of Math	Phil 341/342 Symbolic Logic I & II
Math 221 Several Variable Calculus	Psyc 301 Elementary Statistics for Psychology
Math 251 Engineering Mathematics III	Scmt 303 Statistical Methods
Math 253 Engineering Mathematics III (Math 2415)	Stat 182 Foundations of Statistics
Math 302 Discrete Mathematics	Stat 201 Elementary Statistical Inference (Math 1342/1442)
Math 304 Linear Algebra	Stat 211/212 Principles of Statistics I & II
Math 308 Differential Equations	Stat 301 Introduction to Biometry***
Math 309 Linear Algebra: Differential Equations	Stat 302/303 Statistical Methods***
Math 311 Topics in Applied Mathematics I	Tefb 412 Mathematics in the Elementary School

Degree	Major	Math Requirements
College of Agriculture and Life Sciences		
B.S.	Agribusiness	Either Math 140 or 141, 142, and Scmt 303
B.S.	Agricultural Communications and Journalism	Core Math and either Agcj 411 or statistics elective from either Stat 201–225 or Stat 301–415
B.S.	Agricultural Economics	Either Math 140 or 141, 142, and Stat 303
B.S.	Agricultural Leadership and Development	Only Core Math
B.S.	Agricultural Science	Only Core Math
B.S.	Agricultural Systems Management	Math 141, 142, and either Stat 302 or 303
B.S.	Animal Science	Core Math and Stat 301***
B.S.	Biochemistry	Either Math 151 or 171, and either Math 152 or 172, and either Math 221 or 251 or 253
B.S.	Bioenvironmental Science	Core Math and Stat 302***
B.S.	Biological and Agricultural Engineering	Math 151, 152, 251, 308, and an additional approved Math elective
B.S.	Ecological Restoration	Only Core Math
B.S.	Entomology	Either Math 140 or 141 and one of the following: Math 131, 142, 167, or Phil 240
B.S.	Environmental Studies	Core Math and Stat 303***
B.S.	Food Science and Technology	Core Math and Stat 302***

The University of Texas at Austin
Charles A. Dana Center

B.S.	Forensic and Investigative Science - Science	Either Math 140 or 141 or 166, and either 131 or 142 or 171, and Stat 302
B.S.	Forensic and Investigative Science - Pre-Law	Either Math 140 or 141 or 166, and either 131 or 142 or Phil 240, and Stat 303
B.S.	Forestry	Only Core Math
B.S.	Genetics	Either Math 151 or 171, and either 152 or 172, and Stat 302
B.A./B.S.	Horticulture	Only Core Math
B.S.	Nutrition	Either Math 141 or 151, and either 142 or 152, and Stat 302
B.S.	Plant and Environmental Soil Science	Core Math and either Stat 302 or Essm 313
B.S.	Poultry Sciences	Math 142, Phil 240, and either Stat 301 or 302
B.S.	Rangeland Ecology & Management	Only Core Math
B.S.	Recreation, Park, & Tourism Sciences	Math 141, and either Math 142 or Phil 240, and either Stat 201 or 302 or 303
B.S.	Renewable Natural Resources	Only Core Math
B.S.	Spatial Sciences	Only Core Math
B.S.	Turfgrass Science	Core Math and either Stat 302 or Essm 313***
B.S.	University Studies - Environmental Business	Only Core Math
B.S.	University Studies - Leadership Studies	Only Core Math
B.S.	Wildlife and Fisheries Sciences	Either Math 131 or 142, and either Phil 240 or Math 141, and Stat 302***
College of Architecture		
B.S.	Construction Science	Math 141 and 142
B.E.D.	Environmental Design Architectural Studies	Either Math 141 or 152, and either Math 142 or 151
B.L.A	Landscape Architecture	Math 141 and 142
B.S.	University Studies - Global Arts, Planning, Design and Construction	Only Core Math
B.S.	Urban and Regional Planning	Math 141 and 142
B.S.	Visualization	Math 151 and 152
Mays Business School		
B.B.A.	Accounting	Math 140, 142, and Scmt 303*
B.B.A.	Business Honors	Math 140, 142, and Scmt 303*
B.B.A.	Finance	Math 140, 142, and Scmt 303*
B.B.A.	Management	Math 140, 142, and Scmt 303*
B.B.A.	Management Information Systems	Math 140, 142, and Scmt 303*
B.B.A.	Marketing	Math 140, 142, and Scmt 303*
B.B.A.	Supply Chain Management	Math 140, 142, and Scmt 303*
B.S.	University Studies - Business	Only Core Math
Baylor College of Dentistry		
B.S.	Dental Hygiene	Only Core Math
College of Education and Human Development		
B.S.	Community Health	Select one of the following: Math 131, 142, 147, 151, 167, 171, or Phil 240. And one of the following: Math 140, 141, 148, 152, 166, or 172.
B.S.	Health	Select one of the following: Math 131, 142, 147, 151, 167, 171, or Phil 240. And one of the following: Math 140, 141, 148, 152, 166, or 172. Allied Health track also requires either Stat 301, 302, or 303.***
B.S.	Human Resource Development	Math 141 and 142
B.S.	Interdisciplinary Studies - Bilingual Education EC-6	Either Math 141 or 166, and either 131 or 142, and either Epsy 435 or Stat 303, Math 365, 366, and Tefb 412
B.S.	Interdisciplinary Studies - Bilingual Education EC-12	Either Math 141 or 166, and either 131 or 142, 365 and 366

B.S.	Interdisciplinary Studies - English Language Arts/Social Studies Middle School	Either Math 141 or 166, and either 131 or 142, and either Epsy 435 or Stat 303, and Masc 351
B.S.	Interdisciplinary Studies - Math/Science Middle School	Either Math 141 or 166, and either 131 or 142, 365, 366, 367, Masc 351, Masc 450, and Stat 303
B.S.	Interdisciplinary Studies - PK-6 Generalist	Either Math 141 or 166, and either 131 or 142, 365, 366, Masc 351, and either Epsy 435 or Stat 303, and Tefb 412
B.S.	Kinesiology	Select one of the following: Math 131, 142, 147, 151, or 171. And one of the following: Math 140, 141, 148, 152, 166, or 172. Exercise Science tracks also require either Stat 302 or 303.***
B.S.	Sport Management	Select one of the following: Math 131, 142, 147, 151, or 171. And one of the following: Math 141, 148, 152, 166, or 172. Also requires either Stat 302 or 303.***
B.S.	University Studies - Child Professional Services	Either Math 141 or 166, and either Math 131 or 142 or Phil 240, and Epsy 435
B.S.	University Studies - Dance	Only Core Math
B.S.	University Studies - Sport Conditioning	Only Core Math
B.S.	Technology Management	Math 141 and 142
Dwight Look College of Engineering		
B.S.	Aerospace Engineering	Math 151, 152, 251, 308, and either 401 or Aero 430. Aero 430 requires either Aero 220 or Math 417 as a prerequisite.
B.S.	Biological and Agricultural Engineering	Math 151, 152, 251, 308, and a Math elective to be selected in consultation with student's advisor
B.S.	Biomedical Engineering	Math 151, 152, 251, 308 and Bmen 350
B.S.	Chemical Engineering	Math 151, 152, 251, and 308
B.S.	Civil Engineering	Math 151, 152, 251, 308, and Stat 211. Structural Engineering track also requires either Math 304 or 311. Math 304 is preferred.
B.S.	Computer Science	Math 151, 152, 304, and either 251 or 302 or 308, and Stat 211
B.S.	Computer Engineering	Math 151, 152, 251, 308, 311, and Stat 211
B.S.	Electrical Engineering	Math 151, 152, 251, 308, and 311
B.S.	Electronic Systems Engineering Technology	Math 151, 152, Eset 329, and a Math elective to be selected in consultation with student's advisor
B.S.	Industrial Distribution	Math 151, 152, and either Stat 201 or 303***
B.S.	Industrial Engineering	Math 151, 152, 251, 304, 308, and Stat 211
B.S.	Interdisciplinary Engineering	Math 151, 152, 251, 308, and one of the following: 304, 311, 323, or 401
B.S.	Manufacturing and Mechanical Engineering Technology	Math 151, 152, and Stat 211
B.S.	Multidisciplinary Engineering Technology	Math 151 and 152
B.S.	Mechanical Engineering	Math 151, 152, 251, and 308
B.S.	Nuclear Engineering	Math 151, 152, 251, 308, and 309
B.S.	Ocean Engineering	Math 151, 152, 251, 308, and Stat 211
B.S.	Petroleum Engineering	Math 151, 152, 251, and 308
College of Geosciences		
B.S.	Environmental Geoscience	Math 151, 152, and either Stat 211 or 303 ***
B.S.	Environmental Studies	Math 141, 142, and Stat 303 ***
B.S.	Geographic Info. Science & Tech. - CDA	Math 141, 142, and Stat 303 ***
B.S.	Geographic Info. Science & Tech. - ESA	Math 141, 142, and Stat 303 ***
B.S.	Geographic Info. Science & Tech. - HSS	Math 141, 142, and Stat 303 ***
B.S.	Geography	Math 141, 142, and Stat 303 ***
B.A.	Geology	Either Math 166 or 141, and one of the following: Math 131, 142, 151, or 171
B.S.	Geology	Math 151, 152, 251, and 308
B.S.	Geophysics	Math 151, 152, 251, 308, 311
B.S.	Meteorology	Either Math 151 or 171, and either 152 or 172, 251, 308, and Stat 211

The University of Texas at Austin
Charles A. Dana Center

B.S.	Oceanography	Math 151, 152, and Stat 211. Ocean Climate Track also requires Math 251, 308 and Stat 212. Ocean Observing Track also requires Stat 212.
B.S.	University Studies - Geographic Information Science & Technology	Math 141 and 142
B.S.	University Studies - Geography	Math 141 and 142
College of Liberal Arts		
B.A.	Anthropology	Core Math and either Stat 302 or 303***
B.A.	Classics	Only Core Math**
B.A.	Communication	Either Math 140 or 141 or 166, and one of the following: Math 131, 142, 151, or Phil 240 (or higher)
B.A./B.S.	Economics	Either Math 141 or 166, and either Math 131 or 142 or 151
B.A.	English	Only Core Math**
B.A.	History	Only Core Math. 3 hours of Core Math may be selected from either Phil 240 or 341 or 342.
B.A.	International Studies	Only Core Math**
B.A.	Modern Languages	Only Core Math**
B.A.	Performance Studies	Only Core Math
B.A.	Philosophy	Only Core Math
B.A.	Political Science	Only Core Math (except for Math 102, 150, 167, 365, and 366)**
B.S.	Political Science	Select one of the following sequences: Phil 240, Math 141, and 142; or Phil 240, Math 151, and 152; or Phil 240, Math 171, and 172.
B.A./B.S.	Psychology	Only Core Math (except for Math 167) and Psyc 301
B.A./B.S.	Sociology	Only Core Math
B.A.	Spanish	Only Core Math
B.S.	University Studies - Health Humanities	Phil 240 and 3 additional hours of Core Math
B.A.	University Studies – Journalism	Only Core Math
B.S.	University Studies - Liberal Arts	Only Core Math
B.A./B.S.	University Studies – Race, Gender, Ethnicity	Only Core Math
B.S.	University Studies - Religious Thought, Practices and Cultures	Only Core Math
B.S.	University Studies - Society, Ethics and Law	Phil 240 and 3 additional hours of Core Math
B.A./B.S.	Telecommunication Media Studies	Either Math 140 or 141 or 166, and one of the following: Math 131, 142, 151, or Phil 240 (higher). B.S. also requires Stat 303.***
B.A.	Women's and Gender Studies	Only Core Math
College of Nursing		
B.S.N.	Nursing	Only Core Math
School of Public Health		
B.S.P.H.	Public Health	Only Core Math
College of Science		
B.S.	Applied Mathematical Sciences	Math 170, 171, 172, 220, 221, and beyond. Additional math required depending on emphasis. See course catalog for details.
B.A./B.S.	Biology	Math 147, 148, and Stat 302***
B.S.	Microbiology	Math 147, 148, and Stat 302***
B.S.	Molecular and Cell Biology	Math 147, 148, and Stat 302***
B.S.	Zoology	Math 147, 148, and Stat 302***
B.A.	Chemistry	Either Math 151 or 171, and either 152 or 172
B.S.	Chemistry	Either Math 151 or 171, and either 152 or 172, and either 221 or 251 or 253, and one of the following: Math 304, 308, Stat 211, or an advanced Math or Stat course approved by chemistry advisor.

The University of Texas at Austin
Charles A. Dana Center

B.S.	Chemistry - Biological Chemistry Track	Either Math 151 or 171, and either 152 or 172, and either 221 or 251 or 223, and one of the following: Stat 211, 302, or Math or Stat course approved by chemistry advisor
B.A./B.S.	Mathematics	Math 170 and beyond. See course catalog for details.
B.A./B.S.	Physics	Math 171, 172, 221, and 308
B.S.	Statistics	Math 171, 172, 221, and either 304 or 323. Also requires Stat 182 and beyond. See course catalog for details.
B.S.	University Studies - Mathematics for Business	Math 151 and beyond. See course catalog for details.
B.S.	University Studies - Mathematics for Teaching	Math 151 and beyond. See course catalog for details.
B.S.	University Studies - Mathematics for Pre-Professionals	Math 151 and beyond. See course catalog for details.
B.S.	University Studies - Science for Secondary Teaching	Either Math 147 or 151 or 171, and either Math 148 or 152 or 172
College of Veterinary Medicine and Biomedical Sciences		
B.S.	Biomedical Sciences	Stat 302, a Math elective, and one of the following: Math 131, 142, 151, or 171***
B.S.	University Studies - Biomedical Sciences	Only Core Math. 3 hours of Core Math must be selected from: Math 131, 142, 151, or 171.

* Math 141, 148, 152, 166 and 172 will be accepted in lieu of Math 140. Math 131, 147, 151, and 171 will be accepted in lieu of Math 142.

** At least 3 hours must be in Math. 3 hours may be Phil 240.

*** Stat 301, 302, and 303 require either Math 141 or 166 or equivalent as prerequisites.

The University of Texas at Austin
Charles A. Dana Center

		University-Wide Core Math Requirement - 3 hours selected from the following: Math 1314, 1324, 1332, 1342, 2312, or 2313.	
		Course Guide	
		Math 1314 College Algebra	Math 3301 Biostatistics
	Texas A&M University San Antonio	Math 1316 Trigonometry	Math 3320 Differential Equations
		Math 1324 Business Math	Math 3340 Linear Algebra
		Math 1325 Business Calculus	Math 3370 Discrete Math
		Math 1332 Contemporary Mathematics	Math 4303 Statistical Methods
		Math 1342 Elementary Statistics	Buad 3355 Business Statistics
		Math 1350 Fundamentals of Math I	Crim 3380 Statistics for Criminology
		Math 1351 Fundamentals of Math II	Psyc 2388 Research & Stat I
		Math 2312 Precalculus	Psyc 3488 Research & Stat II
		Math 2313 Calculus I	Psyc 4388 Research & Stat III
		Math 2314 Calculus II	Soci 3330 Statistics for Sociology

Degree	Major	Math Requirements	
College of Business			
B.B.A.	Accounting	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A.	Computer Information Systems (CIS)	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A.	CIS - Enterprise Resource Planning Systems	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A.	CIS - Information Assurance and Security	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A.	CIS - Project Management	Either Math 1314 or 1324, 1325, and Buad 3355	
B.S.	Computer Science	Math 1342, 2313, 2314, and one of the following: Math 3320, 3340, 3370, 4303, or 4374	
B.B.A.	Finance	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A.	General Business Administration	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A.	International Business Management	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A.	Management	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A.	Management - Entrepreneurship	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A.	Management - Human Resources	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A	Management - Supply Chain Management	Either Math 1314 or 1324, 1325, and Buad 3355	
B.B.A.	Marketing	Either Math 1314 or 1324, 1325, and Buad 3355	
College of Education and Human Development			
B.S.	Child Development	Either Math 1314 or 1332	
B.S.	Interdisciplinary Studies - Bilingual Generalist (EC-6)	Math 1314, 1350, and 1351	
B.S.	Interdisciplinary Studies - Bilingual Generalist (4-8)	Math 1314, 1350, and 1351	
B.S.	Interdisciplinary Studies - Elementary Studies (Non-Certification)	Math 1314, 1350, and 1351	
B.S.	Interdisciplinary Studies - Generalist (EC-6)	Math 1314, 1350, and 1351	
B.S.	Interdisciplinary Studies - Generalist (4-8)	Math 1314, 1350, and 1351	
B.S.	Interdisciplinary Studies - Special Education (EC-12) with Generalist (EC-6)	Math 1314, 1350, and 1351	
B.S.	Interdisciplinary Studies - Special Education (EC-12) with Generalist (4-8)	Math 1314, 1350, and 1351	
B.S.	Interdisciplinary Studies - Special Education (EC-12) with Generalist (7-12)	Math 1314	

B.S.	Kinesiology - Exercise Science	Math 1314
B.S.	Kinesiology - Exercise Science Pre-PT	Math 1314
B.S.	Kinesiology- Physical Education (EC-12)	Math 1314
College of Arts and Sciences		
B.A.	Biology	Math 1342 and 2312
B.S.	Biology	Math 2313 and either 3301 or 4303
B.S.	Biology - Teacher Certification	Math 1342 and 2312
B.A.A.S.	Business Concentration	Either Math 1314 or 1324, 1325, Buad 3355
B.A.	Communications	Only Core Math
B.S.	Criminology and Criminal Justice	Either Math 1314 or 1342, and Crim 3380
B.A.A.S.	Criminology and Criminal Justice Concentration	Either Math 1314 or 1342, and Crim 3380
B.A.A.S.	Early Childhood Education (Non-Certification)	Either Math 1314 or 1342
B.A.	English	Only Core Math
B.A.	English - Teacher Certification	Math 1332
B.A.A.S.	Fire and Emergency Services Administration - Fire Administration Concentration	Math 1332
B.A.A.S.	Fire and Emergency Services Administration - Homeland Security Concentration	Math 1332
B.A.A.S.	Healthcare Services Administration Concentration	Either Math 1314 or 1332
B.A.	History	Only Core Math
B.A.	History - European Track	Only Core Math
B.A.	History - Teacher Certification	Either Math 1314 or 1342
B.A.A.S.	Information Technology	Math 1342
B.A.A.S.	Information Technology - Enterprise Resource Management	Math 1342
B.A.A.S.	Information Technology - Information Assurance and Security	Math 1342
B.A.A.S.	Information Technology - Project Management	Math 1342
B.A.A.S.	Interdisciplinary Studies (Non-Certification)	Math 1314
B.A.A.S.	Logistics and Supply Chain Management	Either Math 1314 or 1324, and 1325
B.A.	Mathematics	Math 2313 and beyond. See course catalog p. 152 for details.
B.S.	Mathematics	Math 2313 and beyond. See course catalog p. 153 for details.
B.S.	Mathematics - Teacher Certification	Math 2313 and beyond. See course catalog p. 154 for details.
B.A.	Political Science	Math 1342 and either Soci 3381 or Buad 3355
B.A./B.S.	Psychology	Math 1314, Psyc 2388, 3488, and 4388
B.A.A.S.	Psychology Concentration	Math 1314, Psyc 2388, 3488, and 4388
B.A.	Sociology	Core Math and Soci 3330
B.A.A.S.	Sociology Concentration	Core Math and Soci 3330
B.A.	Spanish	Only Core Math

The University of Texas at Austin
Charles A. Dana Center

	University-Wide Core Math Requirement - 3 hours selected from Math 1314, 1324, 1332, 1342, 2412, or 2413.	
Texas A&M University Texarkana	**Course Guide**	
	Math 1314 College Algebra	Math 2412 Precalculus
	Math 1324 Math for Business & Social Sciences I	Math 2413 Calculus I
	Math 1325 Business Calculus	Math 2414 Calculus II
	Math 1332 Contemporary Mathematics I	Math 326 Problem Solving for Elementary Teachers
	Math 1342 Elementary Statistical Methods (Math 2342)	Math 357 Probability and Statistics
	Math 1350 Fundamentals of Math I	Math 415 Numerical Analysis
	Math 1351 Fundamentals of Math II	Cosc 2318 Engineering Mathematics
	Math 2305 Discrete Mathematics	Psyc 2317 Statistical Methods in Psychology
	Math 2318 Linear Algebra	Soci 2317 Social Statistics
	Math 2320 Differential Equations	

Degree	Major	Math Requirements
College of Business, Engineering, and Technology		
B.B.A.	Accounting	Math 1342
B.S.	Computer Science	Math 2413, 2414, 2318, and 357
B.S.C.S.	Computer Science - Computer Engineering Concentration	Math 2413, 2414, 2318, and 357
B.S.	Electrical Engineering	Math 2413, 2414, 2415, 2318, and 2320
B.B.A.	Finance	Math 1342
B.B.A.	General Business	Math 1342
B.B.A.	Management	Math 1342
B.B.A.	Management Information Systems	Math 1342
B.B.A.	Marketing	Math 1342
B.S.	Mathematics	Math 2413 and beyond. See catalog for details.
B.B.A.	Supply Chain Management	Math 1342
College of Arts, Science, and Education		
B.A.A.S.	Applied Arts & Sciences	Only Core Math
B.S.	Biology	Math 2413
B.S.	Biotechnology	Math 1342
B.S.	Chemistry	Math 2413, 2414, and 357
B.S.C.J.	Criminal Justice	Only Core Math
B.A./B.S.	English	Only Core Math
B.G.S.	General Studies	Only Core Math
B.A./B.S.	History	Core Math. Math 1350 and 1351 are required for B.S. with 4-8 Social Studies Teaching Certification.
B.S.	Kinesiology	Math 1342
B.S.	Mass Communication	Only Core Math
B.S.N.	Nursing	Math 1342 or Psyc 2317
B.S.	Political Science	Only Core Math
B.A./B.S.	Psychology	Math 1314 and Psyc 2317
B.S.	Sociology	Core Math
B.S.I.S.	Teacher Certification - EC-6 Generalist, Bilingual Generalist, and Special Education	Math 1314, 1350, 1351, and 326
B.S.I.S.	Teacher Certification - 4-8 ELA	Only Core Math

B.S.I.S.	Teacher Certification - 4-8 Mathematics	Math 2413 and beyond. See catalog for details.
B.S.I.S.	Teacher Certification - 4-8 Science (Biology)	Math 1350 and 1351
B.S.I.S.	Teacher Certification - 4-8 Social Studies	Math 1314, 1350, and 1351
B.S.I.S.	Teacher Certification - 7-12 Chemistry	Math 2413
B.S.I.S.	Teacher Certification - 7-12 ELA	Only Core Math
B.S.I.S.	Teacher Certification - 7-12 History	Only Core Math
B.S.I.S.	Teacher Certification - 7-12 Life Sciences (Biology)	Math 2412 and 1342
B.S.I.S.	Teacher Certification - 7-12 Mathematics	Math 2413 and beyond. See catalog for details.
B.S.I.S.	Teacher Certification - 7-12 Composite Science (Biology)	Math 1314 and 1342
B.S.I.S.	Teacher Certification - 7-12 Social Studies	Only Core Math

	University-Wide Core Math Requirement - 3 hours selected from the following: Math 132, 133, 135, or 136.	
	Course Guide	
Texas Southern University	Math 132 Contemporary Mathematics I (Math 1332)	Math 251 Differential Equations
	Math 133 College Algebra (Math 1314)	Math 345 Applied Math & Statistics for Technology
	Math 134 Plane Trigonometry (Math 1316)	Math 473 Probability and Statistics I
	Math 135 Math for Business Economics Analysis I (Math 1324)	Math 474 Probability and Statistics II
	Math 136 Precalculus (Math 2312)	Biol 460 Biostatistics
	Math 138 Math for Business & Economics Analysis II (Math 1325)	Engt 433 Alternative Energy Technology
	Math 231 Elementary Statistics (Math 1342)	Mgsc 239 Business Statistics I
	Math 235 Structure & Application of the Number System	Mgsc 331 Business Statistics II
	Math 236 Foundations of Geometry, Statistics, and Probability	Pa 302 Quantitative Methods in Public Administration
	Math 241 Calculus and Analytic Geometry I (Math 2413)	Psy 234 Basic Statistics
	Math 242 Calculus and Analytic Geometry II (Math 2414)	Psy 236 Advanced Statistics
	Math 243 Calculus and Analytic Geometry III	Soc 354 Sociological Statistics
	Math 250 Linear Algebra	

Degree	Major	Math Requirements
Jesse H. Jones School of Business		
B.B.A.	Accounting	Math 135, 138, and Mgsc 239
B.B.A.	Finance	Math 135, 138, Mgsc 239, and 331
B.B.A.	Management	Math 135, 138, Mgsc 239, and 331
B.B.A.	Marketing	Math 135, 138, Mgsc 239, and 331
B.B.A.	Management Information Systems	Math 135, 138, and Mgsc 239
Barbara Jordan-Mickey Leland School of Public Affairs		
B.S.	Administration of Justice	Either Math 132 or 133, and 134 (or higher)
B.S.	Emergency Management and Homeland Security	Either Math 132 or 133, and 134 (or higher)
B.A.	Political Science	Either Math 132 or 133, and 134 (or higher)
B.S.	Public Affairs	Either Math 132 or 133, and 134 (or higher)
College of Education		
B.S.	Health Studies	Math 133
B.S.	Human Performance - Teacher Certification	Math 133
B.S.	Kinesiology	Math 133. Recreation and Leisure Studies concentration also requires Math 135.
B.S.	Interdisciplinary Studies - 4-8 English Language Arts/Reading/Social Studies	Math 133
B.S.	Interdisciplinary Studies - 4-8 English Language Arts and Reading	Math 133
B.S.	Interdisciplinary Studies - EC-6 Generalist	Math 133, 235, and 236
B.S.	Interdisciplinary Studies - EC-6 Bilingual Generalist	Math 133, 235, and 236
B.S.	Interdisciplinary Studies - 4-8 Social Studies	Math 133
B.S.	Interdisciplinary Studies - 4-8 Mathematics/Science	Math 133, 235, 236, 241, and 250
B.S.	Interdisciplinary Studies - 4-8 Mathematics	Math 133 and beyond. See course catalog p. 196 for details.
B.S.	Interdisciplinary Studies - 4-8 Science	Math 133

Source: 2016-2018 Catalog (http://em.tsu.edu/catalog/2016_2018_Undergraduate_Catalog.pdf)

B.S.	Interdisciplinary Studies - EC-12 Special Education/EC-6	Math 133, 235, and 236
B.S.	Interdisciplinary Studies - EC-12 Health Studies	Math 133
B.S.	Sport Management	Math 133 and 135

College of Science and Technology		
B.S.	Aviation Science and Technology - Aviation Science Management	Math 133, 136, 241, and Mgsc 239
B.S.	Aviation Science and Technology - Professional Pilot	Math 133, 134, and 241
B.S.	Biology	Math 133, 136, 241, and Biol 460
B.S.	Chemistry	Math 136, 241, 242, 243, and 251. Pre-Medical and Pre-Dental concentration do not require Math 243 and 251, but do require Biol 460.
B.S.	Civil Engineering	Math 241, 242, 243, 251, and 345
B.S.	Civil Engineering Technology	Math 133, 134, 241, and 242. Technical elective should be selected from one of the following three credit courses: Either Math 345 or 474 or Engt 433.
B.S.	Computer Engineering Technology	Math 133, either 134 or 136, 241, 242, and 345
B.S.	Computer Science	Math 136, 241, 242, 250, and 473
B.S.	Electrical and Computer Engineering	Math 241, 242, 243, and 251
B.S.	Electronics Engineering Technology	Math 133, 134, 241, 242, and 345
B.S.	Industrial Technology	Math 133 and 138. Design Technology concentration also requires Math 134.
B.S.	Maritime Transportation Management and Security	Math 133 and 231
B.S.	Mathematics	Math 136 and beyond. See course catalog p. 572 for details.
B.S.	Physics	Math 136, 241, 242, 243, and 251

College of Liberal Arts and Behavioral Sciences		
B.S.	Art	Either Math 132 or 133. Teacher Certification requires either Math 133 or 134 or 135.
B.A.	English	Only Core Math. Teacher Certification requires either Math 133 or 134 or 135.
B.A.	General Studies	Either Math 132 or 133, and 3 hours from 133 (or higher)
B.A.	History	Either Math 132 or 133
B.S.	Human Services and Consumer Science	Math 133. Child and Family Development concentration also requires Math 134.
B.A.	Music	Only Core Math
B.A.	Psychology	Either Math 133 or 135, 138, Psy 234, and Psy 236
B.A.	Social Work	Either Math 132 or 133. Also requires 3 hours of statistics, which can be earned through any department where a 3 credit lower level statistics course is offered.
B.A.	Sociology	Math 133, 135, and Soc 354
B.A.	Spanish	Only Core Math
B.A.	Theatre	Either Math 132 or 133

College of Pharmacy and Health Sciences		
B.S.	Clinical Laboratory Science	Math 133
B.S.	Environmental Health	Math 133
B.S.	Health Administration	Math 133, 134 (or higher), and one of the following statistics courses: Pa 302, Math 231, or Psy 234
B.S.	Health Information Management	Math 133, 138, and Mgsc 239
B.S.	Respiratory Therapy	Math 133, 136, and 231
Pharm.D.	Doctor of Pharmacy (6 Year Program)	Math 136, 231, and 241

The University of Texas at Austin
Charles A. Dana Center

School of Communication		
B.A.	Entertainment and the Recording Industry	Math 133
B.A.	Journalism	Math 133
B.A.	Speech Communication	Math 133
B.A.	Radio/Television/Film	Math 133

The University of Texas at Austin
Charles A. Dana Center

<table>
<tr><td rowspan="19" align="center">Texas State University</td><td colspan="2">University-Wide Core Math Requirement - 3 hours selected from the following: Math 1312, 1315, 1316, 1317, 1319, 1329, 2321, 2417, 2471, Hon 2302A, or Hon 2302B.</td></tr>
<tr><td colspan="2">Course Guide</td></tr>
<tr><td>Math 1312 College Statistics and Algebra (Math 1342)</td><td>Math 3315 Modern Geometry</td></tr>
<tr><td>Math 1315 College Algebra (Math 1314)*</td><td>Math 3323 Differential Equations</td></tr>
<tr><td>Math 1316 Survey of Contemporary Mathematics (Math 1332)</td><td>Math 3330 Introduction to Advanced Mathematics</td></tr>
<tr><td>Math 1317 Plane Trigonometry (Math 1316)</td><td>Math 3373 Calculus III</td></tr>
<tr><td>Math 1319 Math for Business & Economics (Math 1324)</td><td>Math 3377 Linear Algebra</td></tr>
<tr><td>Math 1329 Business Calculus (Math 1325)</td><td>Math 3398 Discrete Mathematics II</td></tr>
<tr><td>Math 2311 Principles of Mathematics I (Math 1350)</td><td>Math 4302 Principles of Mathematics II</td></tr>
<tr><td>Math 2312 Informal Geometry (Math 1351)</td><td>Cj 3347 Statistics for Criminal Justice</td></tr>
<tr><td>Math 2321 Calculus for Life Sciences I (Math 2313)</td><td>Hon 2302A Elementary Number Theory</td></tr>
<tr><td>Math 2328 Elementary Statistics (1342)</td><td>Hon 2302B Graph Theory and Applications</td></tr>
<tr><td>Math 2331 Calculus for Life Sciences II</td><td>Hp 3302 Biostatistics</td></tr>
<tr><td>Math 2358 Discrete Mathematics I (Math 2305)</td><td>Hp 3325 Healthcare Statistics</td></tr>
<tr><td>Math 2417 Precalculus (Math 2412)</td><td>Psy 2301/2101 Introduction to Statistics (Psy 2317)</td></tr>
<tr><td>Math 2471 Calculus I (Math 2413)</td><td>Soci 3307 Statistics for the Behavioral Sciences</td></tr>
<tr><td>Math 2472 Calculus II (Math 2414)</td><td>Soci 3318 Applied Data Analysis</td></tr>
<tr><td>Math 3305 Introduction to Probability and Statistics</td><td>Qmst 2333 Business Statistics</td></tr>
</table>

Degree	Major	Math Requirements
College of Applied Arts		
B.S.A.G.	Agriculture	Either Math 1315 or 1319
B.S.A.G.	Agriculture - Teacher Certification in Agriculture Science and Technology 6-12	Either Math 1315 or 1319
B.S.A.G.	Agriculture Animal Science - Basic Science and Pre-Veterinary	Either Math 1315 or 1319
B.S.A.G.	Agriculture Business and Management - Agribusiness Management	Either Math 1315 or 1319, and either 1329 or 2321 or 2417
B.S.A.G.	Agriculture Business and Management - Agricultural Systems Management	Either Math 1315 or 1319, and either 1329 or 2321 or 2417
B.S.A.G.	Agriculture Business and Management - Horticulture Business	Either Math 1315 or 1319
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.S.C.J.	Criminal Justice	Either Math 1315 or 1316 or 1319, and one statistics class selected from the following: Cj 3347, Math 2328, Soci 3307, or Psy 2301/2101
B.S.C.J.	Criminal Justice - Corrections	Either Math 1315 or 1316 or 1319, and one statistics class selected from the following: Cj 3347, Math 2328, Soci 3307, or Psy 2301/2101
B.S.C.J.	Criminal Justice - Law Enforcement	Either Math 1315 or 1316 or 1319, and one statistics class selected from the following: Cj 3347, Math 2328, Soci 3307, or Psy 2301/2101
B.S.F.C.S.	Family and Consumer Sciences - Consumer Affairs	Only Core Math. Family and Consumer Sciences Option requires either Math 1315 or 1316 or 1319. Teacher Certification requires either Math 1315 or 1319.*
B.S.F.C.S.	Family and Consumer Sciences - Family and Child Development	Ether Math 1315 or 1316 or 1319. Teacher Certification option requires either Math 1315 or 1319.*

B.S.F.C.S.	Family and Consumer Sciences - Fashion Merchandising	Either Math 1315 or 1319
B.S.F.C.S.	Family and Consumer Sciences - Interior Design	Either Math 1315 or 1319
B.S.F.C.S.	Family and Consumer Sciences - Nutrition and Foods	Either Math 1315 or 1319
B.S.F.C.S.	Family & Consumer Sciences - Teacher Cert. in Hospitality, Nutrition, & Food Science 8-12	Either Math 1315 or 1319
B.S.W.	Social Work	Either Math 1315 or 1319
McCoy College of Business Administration		
B.B.A.	Accounting	Either Math 1315 or 1319, 1329 and Qmst 2333
B.B.A.	Computer Information Systems	Either Math 1315 or 1319, 1329 and Qmst 2333
B.A./B.B.A.	Economics	Either Math 1315 or 1319, and 1329. B.B.A. also requires Qmst 2333.
B.B.A.	Finance	Either Math 1315 or 1319, 1329 and Qmst 2333
B.B.A.	Management	Either Math 1315 or 1319, 1329 and Qmst 2333
B.B.A.	Marketing	Either Math 1315 or 1319, 1329 and Qmst 2333
College of Education		
B.S.	Athletic Training	Either Math 1315 or 1319**
B.E.S.S.	Exercise and Sports Science	Math 1315**
B.E.S.S.	Health and Fitness Management	Math 1319**
B.H.W.P.	Health and Wellness Promotion	Math 1315**
B.S.	Interdisciplinary Studies - Bilingual Generalist - Spanish, Grades EC-6	Either Math 1315 or 1319, 2311, and 2312**
B.S.	Interdisciplinary Studies - EC-6 ESL Generalist	Either Math 1315 or 1319, 2311, and 2312**
B.S.	Interdisciplinary Studies - 4-8 Generalist	Math 2417, 2311, 2312, 2321, 2328, 3315, and 4302
B.S.	Interdisciplinary Studies - 4-8 English, Language Arts, Reading & Social Studies	Either Math 1315 or 1319**
B.S.	Interdisciplinary Studies - 4-8 Mathematics	Math 2417 and beyond. See course catalog for details.
B.S.	Interdisciplinary Studies - 4-8 Mathematics and Science	Math 2417 and beyond. See course catalog for details.
B.S.	Interdisciplinary Studies - 4-8 Science	Either Math 1315 or 1319, 2321, 2328, and 3315
B.S.	Interdisciplinary Studies - EC-12 Special Education	Either Math 1315 or 1319, 2311, and 2312**
B.S.R.A.	Recreational Administration	Math 1315**
College of Fine Arts & Communication		
B.S.	Advertising and Mass Communication	Core Math (except Math 1316) and Soci 3307
B.A.	Art	Either Math 1315 or 1316 or 1319
B.A.	Art History	Either Math 1315 or 1316 or 1319
B.F.A.	Communication Design	Either Math 1315 or 1316 or 1319
B.A.	Communication Studies	Only Core Math. For Teacher Certification, select one of the following: Math 1315, 1319, 1329, 2321, 2417, or 2471.
B.F.A.	Dance	Only Core Math. For Teacher Certification, select one of the following: Math 1315, 1319, 2417 or 2471.
B.S.	Digital Media Innovation and Mass Communication	Core Math (except Math 1316) and Soci 3307
B.S.	Electronic Media and Mass Communication	Core Math (except Math 1316) and Soci 3307
B.S.	Journalism and Mass Communication	Core Math (except Math 1316) and Soci 3307
B.A.	Mass Communication	Core Math and Soci 3307

The University of Texas at Austin
Charles A. Dana Center

B.A.	Music	Only Core Math
B.M.	Music Studies	Math 1315
B.F.A.	Musical Theatre	Only Core Math
B.M.	Performance	Only Core Math
B.F.A.	Photography	Either Math 1315 or 1316 or 1319
B.S.	Public Relations and Mass Communication	Core Math (except Math 1316) and Soci 3307
B.S.	Sound Recording Technology	Math 2417
B.F.A.	Studio Art	Either Math 1315 or 1316 or 1319. Teacher Certification requires Math 1315.
B.A./B.F.A.	Theatre	Only Core Math. For Teacher Certification, select one of the following: Math 1315, 1319, 2417, or 2471.

College of Health Professions

B.S.C.L.S.	Clinical Laboratory Science	Select one of the following: Math 1315, 1319, 1329, 2321, 2331, 2417, or 2471. And one of the following statistics courses: Math 2328, Hp 3302, Soci 3307, Qmst 2333, Cj 3347, or Psy 2301.
B.S.C.D.	Communication Disorders	Select one of the following: Math 1315, 1319, 1329, 2417, or 2471. And one of the following statistics courses: Hp 3302, Soci 3307, Cj 3347, or Psy 2301.
B.S.H.I.M.	Health Information Management	Select one of the following: Math 1315, 1319, 1329, 2417, or 2471. And one of the following statistics courses: Math 2328, Hp 3302, Soci 3307, Cj 3347, or Psy 2301.
B.H.A.	Healthcare Administration	Select one of the following: Math 1315, 1319, 1329, 2417, or 2471. And one of the following statistics courses: Math 2328, Hp 3302, Hp 3325, Soci 3307, Cj 3347, or Psy 2301.
B.S.N.	Nursing	Either Math 1315 or 1319 or 1329
B.S.R.T.	Radiation Therapy	Either Math 2417 or 2471, and one of the following: Math 2328, Cj 3347, Hp 3302, Psy 2301, or Soci 3307
B.S.R.C.	Respiratory Care	Select one of the following: Math 1315, 1319, 1329, 2417, or 2471. And one of the following statistics courses: Math 2328, Hp 3302, Hp 3325, Soci 3307, Cj 3347, or Psy 2301.

College of Liberal Arts

B.A./B.S.	Anthropology	Only Core Math (except Hon 2302A & B). B.S. also requires a statistics course from the following: Cj 3347, Geo 3301, Psy 2301, or Soci 3307.
B.S.	Applied Sociology	Math 1312 or above, Soci 3307, and 3318
B.A.	English	Math 1315 or above
B.A.	French	Math 1312 or above
B.A./B.S.	Geography	Math 1315 or above (except Math 1316)
B.S.	Geographic Information Science	Math 1315 or above (except Math 1316). Also requires an additional three hours of computer science or three hours of mathematics beyond core requirements.
B.S.	Geography Resource and Environmental Studies	Math 1315 or above (except Math 1316)
B.S.	Geography Urban and Regional Planning	Math 1315 or above (except Math 1316)
B.S.	Geography Water Resources	Math 1315 or above (except Math 1316)
B.A.	German	Math 1312 or above
B.A.	History	Math 1312 or above. Teacher Certification requires Math 1315 or above (except Math 1316).
B.A.I.S.	International Relations	Math 1315
B.A.I.S.	International Studies	Math 1315
B.A.	Philosophy	Math 1312 or above
B.S.	Physical Geography	Math 1315 or above (except Math 1316)
B.A.	Political Science	Math 1315 or above. Teacher Certification does not allow Math 1316 to satisfy Core Math.
B.A./B.S.	Psychology	Math 1312 or above, and Psy 2101/2301
B.P.A.	Public Administration	Math 1315 or above (except Math 1316)
B.A.	Sociology	Math 1312 or above, Soci 3307, and 3318

The University of Texas at Austin
Charles A. Dana Center

B.A.	Spanish	Math 1312 or above
College of Science and Engineering		
B.S.	Applied Mathematics	Math 2471 and beyond. See course catalog for details.
B.S.	Aquatic Biology	Select 6 hours from one of the following sequences: Math 2321 and 2328; or 2321 and 2331; or 2471 and 2472.
B.S.	Biochemistry	Math 2471 and 2472
B.S.	Biology	Select 6 hours from one of the following sequences: Math 2321 and 2328; or 2321 and 2331; or 2471 and 2472.
B.S.	Chemistry	Math 2471 and 2472
B.A.	Computer Science	Math 2358, 3398, and one of the following: 1317, 1319, 1329, 2321, 2417, or 2471. Teacher Certification requires one of the following: 1317, 1319, 1329, or 2312.**
B.S.	Computer Science	Math 2471, 2472, 2358, 3305, and 3398. Electrical Engineering concentration requires 3 additional hours of Math.
B.S.	Concrete Industry Management	Math 2417, 2321, and 2328
B.S.	Construction Science and Management	Math 2417 and 2328
B.S.	Electrical Engineering - Computer Engineering	Math 2471, 2472, 2358, 3323, 3373, and 3377
B.S.	Electrical Engineering - Micro and Nano Devices & Systems	Math 2471, 2472, 3323, 3373, and 3377
B.S.	Electrical Engineering - Networks & Communication Systems	Math 2471, 2472, 3323, 3373, and 3377
B.S.T.	Engineering Technology	Math 2471 and 2472
B.S.	Industrial Engineering	Math 2471, 2472, 3323, 3373, and 3377
B.S.	Interdisciplinary Science - Science 7-12	Math 2471 and 2472
B.A./B.S.	Mathematics	Math 2471 and beyond. See catalog for details.
B.S.	Manufacturing Engineering	Math 2471, 2472, 3323, and 3377
B.A./B.S.	Physics	Math 2471, 2472, 3323, and 3373. Teacher Certification in Math/Physics (K-12) also requires Math 3303, 3315, 3330, and 4304.
B.S.	Technology Management	Math 1315 and 2328
B.S.	Wildlife Biology	Math 2321 and 2328
University College		
B.G.S.	General Studies	Only Core Math

* Math 1316 is not accepted as a prerequisite for some minors.

** Math 2417 (or 2471) can substitute for 1315 (or 1319) requirement. Math 2417 or Math 2471 may substitute for the Math 1317, Math 1319, Math 1329, or Math 2321 requirement.

*** Math 1315 or 1319 is required as a prerequisite for Math 1329.

Texas Tech University

University-Wide Core Math Requirement - 3 hours selected from the following: Math 1300, 1320, 1321, 1330, 1331, 1350, 1420, 1430, 1451, 1550, 2300, 2345, 2370, or 2371. Also 3 hours from any of the previous Math courses or from one of the following: Aaec 2401, Phil 2310, or Psy 2400.*

Course Guide

Math 1300 Contemporary Mathematics (Math 1332)	Math 3342 Math Statistics for Engineering and Scientists
Math 1320 College Algebra (Math 1314)	Math 3350 Higher Math for Engineers and Scientists I
Math 1321 Trigonometry (Math 1316)	Math 3351 Higher Math for Engineers and Scientists II
Math 1330 Introductory Math Analysis I (Math 1324)	Math 3370 Elementary Geometry
Math 1331 Introductory Math Analysis II (Math 1325/1425)	Math 3371 Elements of Finite Mathematics
Math 1350 Analytical Geometry (Math 2312/2412)	Math 3372 Math Modeling for Teachers
Math 1420 College Algebra with Review (Math 1414)	Math 3430 Computational Techniques for Sciences and Mathematics
Math 1430 Introductory Math Analysis with Review	Math 4342/4343 Mathematical Statistics
Math 1451 Calculus I (Math 2413)	Aaec 2401 Agricultural Statistics
Math 1452 Calculus II (Math 2414)	Aaec 4302 Statistical Methods in Agricultural Research***
Math 1550 Precalculus	Aaec 4312 Applied Optimization Methods
Math 2300 Statistical Methods (Math 1342/2342/2442)	IE 3341 Engineering Statistics
Math 2345 Introduction to Statistics with Application to Business	Phil 2310 Logic (Phil 2303)
Math 2360 Linear Algebra (Math 2318/2418)	Psy 2400 Statistical Methods
Math 2370 Elementary Analysis I (Math 1350)	Phys 4325 Mathematical Methods in Physical Sciences I
Math 2371 Elementary Analysis II	Phys 4326 Mathematical Methods in Physical Sciences II
Math 2450 Calculus III (Math 2415)	Soci 3391 Introduction to Social Statistics

Degree	Major	Math Requirements
College of Agricultural Sciences and Natural Resources		
B.S.	Agribusiness	Math 1330, 1331, Aaec 2401, and either Aaec 4302 or Aaec 4312
B.B.A./B.S.	Agricultural and Applied Economics/Business Administration	Math 1330, 1331, Aaec 2401, and Aaec 4302
B.S.	Agricultural and Applied Economics	Math 1330, 1331, Aaec 2401, and either Aaec 4302 or Aaec 4312
B.S.	Agricultural Communications	Math 1320 and 2300
B.S.	Interdisciplinary Agriculture	Math 1320 and 2300
B.S.	Animal Science - Business	Math 1330 and 2300
B.S.	Animal Science - Companion Animal Science	Math 1320 and either 2300 or 2345
B.S.	Animal Science - Companion Animal Science (Pre-Veterinary)	Math 1320 and either 2345 or Aaec 2401
B.S.	Animal Science - Equine Assisted Therapy	Math 1320 and 2300
B.S.	Animal Science - Equine Production	Math 1320 and 2300
B.S.	Animal Science - Equine Science	Math 1320 and 2300
B.S.	Animal Science - Meat Science Business	Math 1320 and 2300
B.S.	Animal Science - Meat Science	Math 1320 and 2300
B.S.	Animal Science - Production	Math 1320 and either 1321 or 2300
B.S.	Animal Science - Science	Math 1320 and 2300
B.S.	Conservation Law Enforcement	Only upper level program. Students must complete an Associates of Arts in Criminal Justice from an approved institution.

Source: 2017-2018 Catalog (https://catalog.ttu.edu/)

B.S.	Food Science	Math 1330, 1331, and 2300. Industry emphasis requires either Math 1320 or 1330, and either Math 1321 or 1331, and 2300.**
B.L.A.	Landscape Architecture	Only Core Math courses selected with advisor
B.S.	Natural Resources Management	Either Math 1330 or 1550, and either 1331 or 1451. Ranch Management track requires Math 1330 and 1331.
B.S.	Plant and Soil Science	Either Math 1320 or 1330, and either 1321 or 1331
College of Architecture		
B.S.	Architecture	Math 1321 and 1350
B.S./B.S.	Architecture/Civil Engineering	Math 1451, 1452, 2450, 3350, and either 3342 or IE 3341
B.S./B.B.A.	Architecture/General Business	Math 1321, 1350, and 2345
College of Arts and Sciences		
B.A.	Anthropology	Math 1330 and either 2300 or 2345
B.A./B.S.	Biochemistry	Math 1451 and 1452
B.S.	Biology	Math 2300 or 1451
B.S.	Cell and Molecular Biology	Math 1451
B.A./B.S.	Chemistry	Math 1451 and 1452. B.S. requires Math 2450 and 9 additional hours of Math.
B.A.	Economics	3 hours of Core Math and either Math 2300 or 2345
B.S	Economics	Math 1451, 1452, 2450, 2360, 4342, 4343, and 6 hours of Math electives. Math 3430 may be taken in place of a Math elective and 1-hour elective in this semester.
B.A.	English	Only Core Math
B.G.S.	General Studies	Only Core Math
B.A.	Geography	Math 1330 and either 2300 or 2345
B.S.	Geosciences - Environmental Geology	Math 1451, 1452, 2450, and 3342
B.S.	Geosciences - Geology	Math 1451 and 1452
B.A.	Geosciences - Geology with Minor in Geography	Math 1321 and 3 hours of Math selected from Arts and Sciences General Degree Requirements
B.S.	Geosciences - Geophysics	Math 1451, 1452, 2450, 2360, 3350, and 3 hours of Math electives
B.A.	Global Studies	Only Core Math
B.A.	History	Only Core Math
B.S.I.E.	International Economics	Math 1330 (or higher), 1331 (or higher), and either 2300 or 2345
B.S.	Kinesiology	6 hours of Math 1320 (or higher)
B.A.	Languages and Cultures	Only Core Math. Applies for concentrations in Classics, French, German, Russian, and Spanish.
B.A./B.S.	Mathematics	Math 1451 and beyond. See course catalog for details.
B.S.	Microbiology	Either Math 1451 or 2300
B.A.	Philosophy	3 hours of Core Math and Phil 2310
B.S.	Physics	Math 1451, 1452, 2450, Phys 4325 and 4326. Math 3350 and 3351 may be substituted for Phys 4325 and 4326.
B.A.	Political Science	Only Core Math
B.A.	Psychology	Either Math 1300 or 1320, and Psy 2400
B.A.	Social Work	3 hours of Core Math and 2300. Soci 3391 or Psy 2400 will be accepted in lieu of Math 2300 for degree requirement; of these courses, only Math 2300 and Psy 2400 also provide mathematics credit in the General Degree Requirements for the College of Arts and Sciences.
B.A.	Sociology	Only Core Math
B.A.	Spanish	Only Core Math
B.S.	Sport Management	Only Core Math
B.A.	Technical Communication	Only Core Math
B.S.	Zoology	Either Math 1451 or 2300

Jerry S. Rawls College of Business		
B.B.A.	Accounting	Math 1330, 1331, and 2345
B.B.A.	Energy Commerce	Math 1330, 1331, and 2345
B.B.A.	Finance	Math 1330, 1331, and 2345
B.B.A.	General Business	Math 1330, 1331, and 2345
B.B.A.	Information Technology	Math 1330, 1331, and 2345
B.B.A.	Management	Math 1330, 1331, and 2345
B.B.A.	Marketing	Math 1330, 1331, and 2345
B.B.A.	Supply Chain Management	Math 1330, 1331, and 2345
College of Education		
B.S.	Multidisciplinary Science	Math 1321 and 2300
B.S.	Multidisciplinary Studies - Bilingual Education	Math 1320, 2370, and 3370
B.S.	Multidisciplinary Studies - Biology	Math 1321 and 2300
B.S.	Multidisciplinary Studies - EC-6 Bilingual Education	Math 1320, 2370, and 3370
B.S.	Multidisciplinary Studies - EC-6 ESL	Math 1320, 2370, and 3370
B.S.	Multidisciplinary Studies - EC-6 Mathematics and Science	Math 1320, 2370, 3370, 3371, and 4370
B.S.	Multidisciplinary Studies - EC-6 Special Education	Math 1320, 2370, and 3370
B.S.	Multidisciplinary Studies - 4-8 English Language Arts and Social Studies	Math 1320 and 2370
B.S.	Multidisciplinary Studies - 4-8 Mathematics and Science	Math 1320, 2370, 2371, 3370, 3371, and 3372
Whitacre College of Engineering		
B.S.	Chemical Engineering	Math 1451, 1452, 2450, and 3350
B.S.	Civil Engineering	Math 1451, 1452, 2450, 3350, and either Math 3342 or IE 3341
B.S.	Computer Engineering	Math 1451, 1452, 2450, 3350, and either Math 3342 or IE 3341
B.S.	Computer Science	Math 1451, 1452, 2450, 2360, and 3342
B.S./B.S.	Computer Science/Mathematics	Math 1451 and above. See course catalog for details.
B.S.	Construction Engineering	Math 1451, 1452, 2450, 3342, and 3350
B.S.	Electrical Engineering	Math 1451, 1452, 2450, 3350, 3351, and either 3342 or IE 3341
B.S.	Industrial Engineering	Math 1451, 1452, 2450, 2360, 3342, and 3350
B.S.	Mechanical Engineering	Math 1451, 1452, 2450, 3342, and 3350
B.S.	Petroleum Engineering	Math 1451, 1452, 2450, 3350, and either Math 3342 or IE 3341
Honors College		
B.A.	Honors Arts and Letters	Only Core Math. Math 2300 and Phil 2310 are recommended.
College of Human Sciences		
B.S.	Apparel Design and Manufacturing	Only Core Math
B.S.	Community, Family and Addiction Sciences	Only Core Math
B.S.	Early Childhood Teacher Certification	Math 1320, 2370, and 3370
B.S.	Family and Consumer Sciences	Only Core Math
B.S.	Human Development and Family Studies	Core Math and either Math 2300 or Soci 3391 or Psy 3400. Teacher Certification does not include statistics requirement.
B.S.	Human Sciences	Only Core Math

The University of Texas at Austin
Charles A. Dana Center

B.I.D.	Interior Design	Only Core Math
B.S.	Nutrition	Math 1320 and 2300
B.S.	Nutritional Sciences and Dietetics	Math 1320 and 2300
B.S.	Personal Financial Planning	Math 1330, 1331, and 2345
B.A.A.S./B.S.	Restaurant, Hotel, and Institutional Management	Only Core Math
B.S.	Retail Management	Only Core Math
College of Media and Communication		
B.A.	Advertising	Either Math 1300 or 1320, and either 2300 or 2345
B.A.	Communication Studies	Only Core Math (first Math taken cannot be Math 2300)
B.A.	Electronic Media and Communications	Either Math 1320 or 1330, and either 1331 or 2300 or 2345. If Math 1330 is chosen for the first math requirement, Math 13331 will satisfy the second Math requirement.
B.A.	Journalism	Either Math 1320 or 1330, and either 1331 or 2300 or 2345. If Math 1330 is chosen for the first math requirement, Math 13331 will satisfy the second Math requirement.
B.A.	Media Strategies	Either Math 1320 or 1330, and either 1331 or 2300 or 2345. If Math 1330 is chosen for the first math requirement, Math 13331 will satisfy the second Math requirement.
B.A.	Public Relations	Either Math 1320 or 1330, and either 1331 or 2300 or 2345. If Math 1330 is chosen for the first math requirement, Math 13331 will satisfy the second Math requirement.
Office of the Provost		
B.A.A.S.	Applied Leadership	Only Core Math
B.A./B.S.	University Studies	Only Core Math
B.S.	Wind Energy	Math 1321 and 1550
Talkington College of Visual and Performing Arts		
B.A./B.F.A.	Art	Only Core Math
B.A.	Dance	Only Core Math
B.G.S.	General Studies	Only Core Math
B.A./B.M.	Music	Only Core Math
B.A./B.F.A.	Theatre Arts	Only Core Math

* Students cannot receive credit for both Math 1320 and 1420, or for Math 1330 and 1430. Students may use only one Math 2300, Math 2345, Aaec 2401, or Psy 2400 to satisfy the mathematics and logic requirements.

** Math 1451 may be substituted for Math 1330, Math 1452 may be substituted for Math 1331, and Aaec 3401 may be substituted for Math 2300.

*** Aaec 4302 has a prerequisite of either Math 2300 or 2345.

The University of Texas at Austin
Charles A. Dana Center

	Texas Woman's University	University-Wide Core Math Requirement - 3 hours from Math 1013, 1023, 1303, 1313, 1703, 1713, or 2014.	
		Course Guide	
		Math 1013 Financial and Quantitative Literacy (Math 1332)	Math 2024 Calculus II (Math 2314/2414)
		Math 1023 Introduction to Math I (Math 1333)	Math 2053 Women and Minorities in Engineering, Mathematics, and Science
		Math 1303 Elementary Analysis I (Math 1314/1414)	Math 2203 Business Analysis I (Math 1324)
		Math 1313 Elementary Analysis II (Math 1316)	Math 3013 Discrete Mathematics
		Math 1523 Math Concepts I	Math 3073 Matrix Methods
		Math 1533 Math Concepts II (Math 1350)	Math 4003 Math Concepts in the Educational Setting
		Math 1543 Math Concepts III (Math 1351)	Math 4013 Probability and Statistics
		Math 1703 Elementary Statistics I (Math 1342/1442)	Math 4203 Problem Solving in the Mathematics Classroom
		Math 1713 Elementary Statistics II	Psy 2303 Applied Statistics (Psy 2317)
		Math 2014 Calculus I (Math 2413/2313)	Soci 3163 Social Statistics

Degree	Major	Math Requirements
College of Arts and Sciences		
B.A.	Art	Only Core Math
B.F.A.	Art	Only Core Math
B.S.	Biochemistry	Math 2014 and 2024
B.S.	Biology	Math 1303, 1313, and either 1703 or 2014. Composite Science and Life Science (7-12) Certifications require only Math 1303 and 1313.
B.S.	Chemistry	Math 2014 and 2024
B.S.	Chemistry/Biochemistry - Teacher Certification	Math 2014. Physical Science (6-12) Teacher Certification also requires Math 2024.
B.S.	Computer Science	Math 2014, 2053, 3013, and either 3073 or 4013
B.S.	Computer Science - 8-12 Teacher Certification	Math 1313, 2014, 2053, 3013 and 3073
B.S.	Criminal Justice	Core Math and Soci 3163
B.A.	Dance	Only Core Math
B.A.	Drama	Only Core Math. Teacher Certification requires Math 1013.
B.A.	English	Only Core Math
B.A.	Fashion Design	Select 6 hours from the following: Math 1013, 1303, or 1703.
B.A./B.S.	Fashion Design and Fashion Merchandising	Select 6 hours from the following: Math 1013, 1303, 1703, or 2203.
B.A./B.B.A.	Fashion Design and General Business (Entrepreneurship Emphasis)	Select 6 hours from the following: Math 1013, 1703, 1713, or 2203.
B.A./B.B.A.	Fashion Design and Marketing	Select 6 hours from the following: Math 1013, 1703, 1713, or 2203.
B.S./B.B.A.	Fashion Merchandising and General Business (Entrepreneurship Emphasis)	Select 6 hours from the following: Math 1013, 1303, 1703, 1713, or 2203.
B.S.	Fashion Merchandising (Management Emphasis)	Select 9 hours from the following: Math 1013, 1303, 1703, or 2203.
B.S.	Fashion Merchandising (Planning Emphasis)	Select 9 hours from the following: Math 1013, 1703, 1713, or 2203.
B.S./B.B.A.	Fashion Merchandising and Marketing	Select 9 hours from the following: Math 1013, 1703, 1713, or 2203.
B.S./B.B.A.	Fashion Merchandising and Management	Select 9 hours from the following: Math 1030, 1703, 1713, or 2203.
B.G.S.	General Studies	Only Core Math
B.A./B.S.	Government	Only Core Math
B.S.	Health Informatics	Math 1013 (recommended), 1703 (recommended), and 1713
B.A./B.S.	History	Only Core Math
B.S.	Informatics with Data Science Minor	Math 1013 (recommended core CAO), 1703 (recommended core), and 1713

B.S.	Informatics with Community Informatics Minor	Math 1013 (recommended core CAO), 1703 (recommended core), and 1713
B.S.	Mathematics	Math 1303 and beyond. For Teacher Certifications, Math 1013 and beyond. See course catalog for details.
B.S.	Medical Technology	Math 1303 and 1313
B.A.	Music	Only Core Math
B.S.	Music Therapy	Math 1703
B.S.	Psychology	Math 1703 and Psy 2303. Pre-Physical Therapy concentration also requires Math 1303.
B.S.	Sociology	Core Math and Soci 3163
B.S.W.	Social Work	Math 1703 and 1713
College of Professional Education		
B.S.	Child Development	Math 1013. Pre-Occupational Therapy emphasis requires Math 1703 instead of 1013. Pre-Physical Therapy emphasis requires Math 1303 instead of 1013.
B.S.	Family and Consumer Sciences	Math 1013
B.S.	Family Studies	Math 1013. Pre-Occupational Therapy emphasis requires Math 1703.
B.S.	Interdisciplinary Studies - EC-6 Bilingual Generalist	Math 1023, 1523, 1533, and 1543
B.S.	Interdisciplinary Studies - EC-6 ESL Generalist	Math 1023, 1523, 1533, and 1543
B.S.	Interdisciplinary Studies - EC-6 Generalist	Math 1023, 1523, 1533, and 1543
B.S.	Interdisciplinary Studies - EC-6 Special Education	Math 1023, 1523, 1533, and 1543
B.S.	Interdisciplinary Studies - EC-6 ESL & Special Education	Math 1023, 1523, 1533, and 1543
B.S.	Interdisciplinary Studies - 4-8 Bilingual Generalist	Math 1303, 1533, 1543, and 4003
B.S.	Interdisciplinary Studies - 4-8 English, Language Arts and Reading	Math 1303, 1533, and 1543
B.S.	Interdisciplinary Studies - 4-8 ESL Generalist	Math 1303, 1533, 1543, and 4003
B.S.	Interdisciplinary Studies - 4-8 Generalist	Math 1303, 1533, 1543, 4003, and 4203
B.S.	Interdisciplinary Studies - 4-8 Generalist with Special Education	Math 1303, 1533, 1543, and 4003
College of Health Sciences		
B.S.	Communication Sciences	Deaf Education emphasis requires Math 1523. Speech, Language, and Pathology emphasis requires Math 1703.
B.A.S.	Culinary Science and Food Service Management	Only Core Math
B.S.	Dental Hygiene	Math 1703
B.S.	Food and Nutrition in Business and Industry	Math 1703
B.A.A.S.	Health Sciences	Only Core Math
B.S.	Health Studies	Math 1703
B.A.S.	Health Studies	Math 1703
B.S.	Kinesiology	Math 1703. Exercise Science, Pre-Physical Therapy concentration also requires Math 1303 and 1313.
B.S.	Nutrition	Math 1703 and either Math 1013 or 1023 or 1303. Nutritional Sciences emphasis requires Math 1013, 1303, 1313, and 1703. Wellness emphasis requires Core Math and Math 1703.
College of Nursing		
B.S.	Nursing	Math 1703
School of Management		
B.B.A.	Accounting	Math 1703 and 2203
B.A.A.S.	Business	Only Core Math
B.A.S.	Business	Only Core Math
B.B.A.	Business Administration	Math 1703 and 2203

The University of Texas at Austin
Charles A. Dana Center

B.B.A.	Finance	Math 1703 and 2203
B.B.A.	Human Resource Management	Math 1703 and 2203
B.B.A.	Management	Math 1703 and 2203
B.B.A.	Marketing	Math 1703 and 2203

University of Houston Clear Lake	University-Wide Math Core Requirements - 3 hours selected from the following: Math 1314, 1324, 1325, 1332, 1342, 1350, 2412, or 2413.	
	Course Guide	
	Math 1314 College Algebra	Math 3304 Algebra Through Technology
	Math 1324 Mathematics for Business and Social Sciences	Math 3306 Problem Solving
	Math 1325 Calculus for Business and Social Sciences	Crim 4384 Statistics
	Math 1332 Contemporary Mathematics	Dsci 3321 Statistics I
	Math 1342 Elementary Statistical Methods	Educ 3301 Introduction to Education Statistics and Measurement
	Math 1350 Mathematics for Teachers I	Geog 4321 Fundamentals of Geographic Information Systems
	Math 1351 Mathematics for Teachers II	Psyc 4370 Nonexperimental Methods and Statistics
	Math 2305 Discrete Mathematics	Psyc 4371 Experimental Methods and Statistics
	Math 2318 Linear Algebra	Soci 4384 Statistics
	Math 2320 Differential Equations	Stat 3308 Computational Statistics
	Math 2412 Precalculus Mathematics	Stat 3334 Probability and Statistics for Scientists and Engineers
	Math 2413 Calculus I	Swrk 4363 Experimental Methods and Statistics
	Math 2414 Calculus II	Swrk 4370 Behavioral Statistics
	Math 2315 Calculus III	

Degree	Major	Math Requirements
School of Business		
B.S.	Accounting	Math 1324, 1325, and Dsci 3321
B.S.	Environmental Management	Math 1314, 1324, and either Dsci 3321 or Stat 3308. May substitute Math 1324 with Math 1325, 2412, 2413, or a Math course approved by the faculty coordinator.
B.S.	Finance	Math 1324, 1325, and Dsci 3321
B.S.	General Business	Math 1324, Math 1325, and Dsci 3321
B.S.	Healthcare Administration	Math 1324, 1325, and Dsci 3321
B.A.S.	Healthcare Services	Math 1324, 1325, and Psyc 4370
B.S.	Legal Studies	Math 1314 and 1324. May replace Math 1324 with 3 hours of foreign language or English beyond the core curriculum requirements.
B.S.	Management	Math 1324, 1325, and Dsci 3321
B.S.	Management Information Systems	Math 1324, 1325, and Dsci 3321
B.S.	Marketing	Math 1324, 1325, and Dsci 3321
School of Education		
B.S.	Addictions Counseling	Core Math and Educ 3301
B.S.	Early Childhood Care and Education	Only Core Math
B.A.S.	Interdisciplinary Studies - Early Childhood Education	Only Core Math
B.S.	Interdisciplinary Studies - EC-6 Bilingual	Math 1314, 1350, and 1351
B.S.	Interdisciplinary Studies - EC-6 ESL	Math 1314, 1350, and 1351
B.S.	Interdisciplinary Studies - EC-6 Generalist	Math 1314, 1350, and 1351. Reading concentration also requires Math 3306.
B.S.	Interdisciplinary Studies - EC-6 & Special Education EC-12	Math 1314, 1350, and 1351
B.S.	Interdisciplinary Studies - 4-8 Generalist	Math 1314, 1350, 1351, 3304, and 3306. ESL track does not require Math 3306.
B.S.	Interdisciplinary Studies - 4-8 Science	Math 2412, 1350, and 1351
B.S.	Interdisciplinary Studies - 4-8 Social Studies	Math 1314, 1350, and 1351
School of Human Sciences and Humanities		

The University of Texas at Austin
Charles A. Dana Center

B.S.	Anthropology	Either Math 1314 or 1332, and one of the following: Geog 4321, Psyc 4370, or Soci 4384
B.F.A.	Art and Design	Only Core Math. Teacher Certification requires either Math 1314 or 1332.
B.S.	Behavioral Sciences	Either Math 1314 or 1332, and one of the following: Psyc 4370, Soci 4384, or Crim 4384. Also requires one of the following statistics courses: Anth 4372, Crim 4385, Psyc 4371, or Soci 4385.
B.A.	Communication	Either Math 1314 or 1332
B.S.	Criminology	Either Math 1314 or 1332, and Crim 4384
B.S.	Fitness and Human Performance	Math 1314. Exercise Science, Health Promotion, Pre-Physical Therapy and Pre-Occupational Therapy concentrations require Psyc 4370 and 4371. Teacher Certification only requires Math 1314.
B.S.	Geography	Either Math 1314 or 1332, and Soci 4384. Teacher Certification does not require Soci 4384.
B.A.	History	Either Math 1314 or 1332
B.A.	Humanities	Either Math 1314 or 1332
B.A.	Literature	Either Math 1314 or 1332. English Language Arts and Reading 4-8 Certification also requires Math 1350 and 1351.
B.S.N.	Nursing	Either Math 1314 or 1332 or 1342, and Psyc 4370
B.S.	Psychology	Either Math 1314 or 1332, Psyc 4370, and Psyc 4371
B.S.	Public Service Leadership	Either Math 1314 or 1332, Psyc 4370, and Psyc 4371
B.S.W.	Social Work	Either Math 1314 or 1332, Swrk 4363, and Swrk 4370
B.S.	Sociology	Either Math 1314 or 1332, and Soci 4384
School of Science and Computer Engineering		
B.A.	Biological Sciences	Math 1314 and Stat 3308
B.S.	Biological Sciences	Math 2413 and Stat 3308
B.A.	Chemistry	Math 2413. Teacher Certification requires only Core Math.
B.S.	Chemistry	Math 2413 and 2414
B.S.	Computer Information Systems	Math 1325, 2305, and Stat 3308
B.S.	Computer Science	Math 2305, 2318, 2413, 2414, 2320, and Stat 3334
B.S.	Computer Engineering	Math 2413, 2414, 2315, 2318, 2305, 2320, and Stat 3334
B.S.	Environmental Science	Math 2413 and Stat 3308
B.S.	Information Technology	Math 1314 and Stat 3308
B.A.S.	Information Technology	Math 1314 and Stat 3308
B.A./B.S.	Mathematical Science	Math 2413 and beyond. See course catalog for details.
B.S.	Physics	Math 2413, 2414, and 2315

University of Houston Downtown	University-Wide Core Math Requirement - 3 hours from the following: Math 1301, Math 1310, Stat 1312, or any course for which one of these is a prerequisite.	
	Course Guide	
	Math 1301 College Algebra (Math 1314)	Math 3321 Math Concepts
	Math 1305 Finite Math with Applications (Math 1324)	Math 3322 Math Concepts II
	Math 1306 Fundamentals of Calculus with Applications (Math 1325)	Cj 3320 Statistics in Criminal Justice*
	Math 1310 Contemporary Mathematics (Math 1332)	Cs 1408 Introduction to Computer Science with Visual Basic
	Math 1404 Precalculus Mathematics (Math 2412)	Cs 1410 CS I-Introduction to Computer Science with C++
	Math 1505 Precalculus with Trigonometry	Hea 2302 Introduction to Epidemiology and Biostatistics
	Math 2305 Discrete Mathematical Structures (Math 2305)	Engr 2411 Modern Methods of Engineering Analysis
	Math 2307 Linear Algebra	Psy 2317 Statistical Methods in Psychology
	Math 2401 Calculus I (Math 2413)	Socw 3351 Statistical and Qualitative Data Analysis
	Math 2402 Calculus II (Math 2414)	Sos 3312 Statistics in the Social Sciences
	Math 2403 Calculus III (Math 2415)	Stat 1312 Statistical Literacy (Math 1342)
	Math 2411 Calculus I for the Natural Sciences	Stat 3309 Statistical Analysis for Business Applications
	Math 2412 Calculus II for the Natural Sciences	Stat 3311 Statistical Analysis for Natural Science
	Math 3302 Probability and Statistics	

Degree	Major	Math Requirements
University College		
B.A.A.S.	Applied Administration	Only Core Math
B.A.A.S.	Fire Protection Engineering Technology	Math 1301
B.A.A.S.	Manufacturing and Process Engineering	Math 1301
B.A.A.S.	Petroleum Engineering Technology	Math 1301
B.A.A.S.	Safety Management	Math 1301
B.S.I.S.	Interdisciplinary Studies	Only Core Math
College of Business		
B.B.A.	Accounting	Core Math (Math 1301 recommended), 1305, 1306, and Stat 3309
B.B.A.	Enterprise Information Systems	Core Math (Math 1301 recommended), 1305, 1306, and Stat 3309
B.B.A.	Finance	Core Math (Math 1301 recommended), 1305, 1306, and Stat 3309
B.B.A.	General Business	Core Math (Math 1301 recommended), 1305, 1306, and Stat 3309
B.B.A.	Insurance and Risk Management	Core Math (Math 1301 recommended), 1305, 1306, and Stat 3309
B.B.A.	International Business	Core Math (Math 1301 recommended), 1305, 1306, and Stat 3309
B.B.A.	Management	Core Math (Math 1301 recommended), 1305, 1306, and Stat 3309
B.B.A.	Management Information Systems	Core Math (Math 1301 recommended), 1305, 1306, and Stat 3309
B.B.A.	Marketing	Core Math (Math 1301 recommended), 1305, 1306, and Stat 3309
B.B.A.	Supply Chain Management	Core Math (Math 1301 recommended), 1305, 1306, and Stat 3309
College of Humanities and Social Sciences		
B.A.	Communication Studies	Only Core Math
B.A.	English	Only Core Math
B.A.	Fine Arts	Only Core Math
B.S.	Health and Behavioral Science	Core Math and Hea 2302
B.A.	History	Only Core Math
B.A.	Humanities	Only Core Math

The University of Texas at Austin
Charles A. Dana Center

B.A.	Philosophy	Only Core Math
B.A./B.S.	Social Sciences	Either Math 1301 or 1310 or Stat 1312 (Stat 1312 recommended), and Sos 3312
B.A.	Spanish	Either Math 1301 or 1310 or Stat 1312
B.S.	Political Science	Core Math and Sos 3312
B.S.	Professional Writing	Only Core Math
B.S.	Psychology	Core Math and Psy 2317
B.S.	Social Sciences	Core Math and Sos 3312
B.S.	Sociology	Core Math and Sos 3312
College of Public Service		
B.A.	Interdisciplinary Studies (Teacher Certification)	Math 1301, 3321, and 3322
B.A.A.S./ B.S.C.J.	Criminal Justice	Core Math. For B.S.C.J., CJ 3320 is required.*
B.S.W.	Social Work	Either Math 1301 or 1310, and Socw 3351
College of Sciences and Technology		
B.S.	Applied Statistics	Math 2305 and beyond. See catalog for details.
B.S.	Applied Statistics - Biostatistics	Math 2305 and beyond. See catalog for details.
B.S.	Applied Statistics - Teacher Certification	Math 2305 and beyond. See catalog for details.
B.S.	Biological and Physical Sciences - Teacher Certification	Math 1404
B.S.	Biology	Either Math 2401 or 2411, and either Math 2412 or Cs 1408 or 1410, and Stat 3311
B.S.	Biology - Environmental Biosciences	Either Math 2401 or 2411, and either Math 2412 or Cs 1408 or 1410, and Stat 3311
B.S.	Biology - Microbiology	Either Math 2401 or 2411, and either Math 2412 or CS 1408 or 1410, and Stat 3311
B.S.	Biology - Molecular and Cellular Biosciences	Either Math 2401 or 2411, and either Math 2412 or CS 1408 or 1410, and Stat 3311
B.S.	Biotechnology	Either Math 2401 or 2411, and either Math 2412 or Cs 1408 or 1410, and Stat 3311
B.S.	Chemistry	Math 2401, 2402, and 2403
B.S.	Chemistry - Biochemistry	Math 2411, 2412, and Stat 3311
B.S.	Chemistry - Environmental Chemistry	Either Math 2401 or 2411, and either 2402 or 2412
B.S.	Chemistry - Forensic Sciences	Either Math 2401 or 2411, and 2412
B.S.	Chemistry - Industrial Chemistry	Either Math 2401 or 2411, 2412, and Stat 3311
B.S.	Computer Science	Math 2305, 2401, 2402, 2307, and either Math 3302 or Stat 3311
B.S.E.T.	Engineering Technology - Control & Instrumentation	Math 2401 and either Math 2402 or Engr 2411
B.S.E.T.	Engineering Technology - Structural Analysis & Design	Math 2401
B.S.	Geoscience - Geochemistry	Either Math 2401 or 2411, and either 2402 or 2412, and Stat 3311
B.S.	Geoscience - Environmental Geology	Either Math 2401 or 2411, and either 2402 or 2412, and Stat 3311
B.S.	Geoscience - Petroleum Geotechnology	Either Math 2401 or 2411, and either 2402 or 2412, and Stat 3311
B.A./B.S.	Mathematics	Math 2401 and beyond. See catalog for details.

* Math 1301 or 1310 is a prerequisite for Cj 3320.

The University of Texas at Austin
Charles A. Dana Center

University of Houston Main Campus

University-Wide Core Math Requirement - 3 hours of mathematics and 3 hours of mathematics/reasoning. <u>Mathematics:</u> 3 hours from Math 1310, 1311, 1312, 1313, 1314, 1330, 1431, 1450, 2311.* <u>Math Reasoning</u>: 3 hours from Cosc 1306, Cuin 2320, Econ 2370, Elet 2300, Phil 1321, Pols 3312, Pols 3316, Psyc 3301, Tmth 3360.

Course Guide

Math 1310 College Algebra (Math 1314)	Math 3363 Introduction to Partial Differential Equations
Math 1311 Elementary Mathematical Modeling (Math 1332)	Math 3364 Introduction to Complex Analysis
Math 1312 Introduction to Mathematical Reasoning (Math 1351)	Math 4309 Mathematical Biology
Math 1313 Finite Mathematics with Applications (Math 1324)	Math 4310 Biostatistics
Math 1314 Calculus for Business and the Life Sciences (Math 1325)	Biol 4309 Mathematical Biology
Math 1330 Precalculus (Math 2312 & 2412)	Biol 4310 Biostatistics
Math 1431/1432 Calculus I & I (Math 2413/2414)	Chee 3334 Statistical/Numerical Techniques for Chemical Engineers
Math 1450 Accelerated Calculus	Cosc 1306 Computer Science and Programming
Math 1451 Accelerated Calculus	Cosc 3336 Computing Structures
Math 2303 Concepts in Algebra	Cuin 2320 Mathematics for EC-6 Teachers
Math 2311 Introduction to Probability and Statistics (Math 1342)	Econ 2370 Introduction to Statistics and Data Analysis
Math 2331 Linear Algebra (Math 2318)	Eled 4314/ 4315 Mathematics in the Elementary School I & II
Math 2433 Calculus III (Math 2415)	Elet 2300 Introduction to C++ Programming
Math 3303 Elements of Algebra and Number Theory	Inde 2333 Engineering Statistics I
Math 3304 Mathematical Analysis	Inde 3364 Engineering Statistics II
Math 3305 Formal and Informal Geometry	Phil 1321 Logic I
Math 3306 Problem Solving in Mathematics	Pols 3312 Arguments, Data, and Politics
Math 3307 Statistical Applications	Pols 3316 Statistics for Political Scientists
Math 3321 Engineering Mathematics	Psyc 3301 Introduction to Psychological Statistics
Math 3331 Differential Equations	Soc 3400 Introduction to Social Statistics
Math 3336 Discrete Mathematics	Stat 3331 Statistical Analysis for Business Applications
Math 3338 Probability	Tech 3366 Applications of Numerical Methods in Technology
Math 3339 Statistics for the Sciences	Tmth 3360 Applied Technical Statistics

Degree	Major	Math Requirements
Gerald D. Hines College of Architecture		
B.Arch.	Architecture	Math 1310 and 1330
B.S.	Environmental Design	Math 1310 and 1330
B.S.	Industrial Design	Math 1310 and 1330
B.S.	Interior Architecture	Math 1310 and 1330
Katherine G. McGovern College of the Arts		
B.A./B.F.A.	Art	Only Core Math
B.A.	Art History	Only Core Math
B.A./B.M.	Music	Only Core Math
B.M.	Applied Music	Only Core Math
B.M.	Music - All Elective Studies	Only Core Math
B.M.	Music Composition	Only Core Math
B.M.	Music Theory	Only Core Math

B.F.A.	Theatre	Only Core Math
B.A.	Dance	Only Core Math

C.T. Bauer College of Business

B.B.A.	Accounting	Math 1313, either Math 1314 or 1431, and Stat 3331
B.B.A.	Business	Math 1313, either Math 1314 or 1431, and Stat 3331. Math 1311 recommended for students that do not place directly into Math 1313.
B.B.A.	Entrepreneurship	Math 1313, either Math 1314 or 1431, and Stat 3331
B.B.A.	Finance	Math 1313, either Math 1314 or 1431, and Stat 3331. Global Energy Management Professional Program Track requires Math 1431, 1432, 2433, and Stat 3331.
B.B.A.	Management	Math 1313, either Math 1314 or 1431, and Stat 3331
B.B.A.	Management Information Systems	Math 1313, either Math 1314 or 1431, and Stat 3331
B.B.A.	Marketing	Math 1313, either Math 1314 or 1431, and Stat 3331
B.B.A.	Supply Chain Management	Math 1313, either Math 1314 or 1431, and Stat 3331

College of Education

B.S.	Health	Math 1310 and 9 additional hours of Math Reasoning
B.A.	Human Development and Family Studies	Math 1310 and 3 additional hours of Math Reasoning
B.S.	Human Development and Family Studies	Either Math 1310 or 1311, and 9 additional hours of Math Reasoning
B.S.	Human Development and Family Studies with EC-6 Generalist Certification	Math 1311, 1312, 2311, 2303, Eled 4314, and 4315
B.S.	Human Development and Family Studies with Nonprofit Leadership Alliance Certification	Either Math 1310 or 1311, and 9 additional hours of Math Reasoning
B.S.	Teaching and Learning - Elementary Teaching and Curriculum	Math 1311, 1312, 2303, 2311, Eled 4314, and 4315
B.S.	Teaching and Learning - Bilingual Elementary Teaching and Curriculum	Math 1311, 1312, 2303, 2311, Eled 4314, and 4315
B.S.	Teaching and Learning - Middle School Teaching and Curriculum (Mathematics)	Math 1311, 1312, 2303, 2311, 3303, 3304, 3305, 3306, and 3 hours of upper division math to be selected in consent with student advisor
B.S.	Teaching and Learning - Middle School Teaching and Curriculum (Science)	Math 1311, 1312, 2311, and 2303
B.S.	Teaching and Learning - Middle School Teaching and Curriculum (English Language Arts)	Math 1311, 1312, 2311, and 2303
B.S.	Teaching and Learning - Middle School Teaching and Curriculum (Social Studies)	Math 1311, 1312, 2311, and 2303

Cullen College of Engineering

B.S.B.E.	Biomedical Engineering	Math 1431, 1432, 2433, 3321, and Inde 2333
B.S.Ch.E	Chemical Engineering	Math 1431, 1432, 2433, and Chee 3334
B.S.C.E.	Civil Engineering	Math 1431, 1432, 2433, 3321, and Inde 2333
B.S.Cp.E.	Computer Engineering	Math 1431, 1432, 2433, 3321, 3336, and Inde 2333
B.S.E.E.	Electrical Engineering	Math 1431, 1432, 2433, 3321, and Inde 2333
B.S.I.E.	Industrial Engineering	Math 1431, 1432, 2433, 3321, Inde 2333, and 3364
B.S.M.E.	Mechanical Engineering	Math 1431, 1432, 2433, 3321, and 3363
B.S.P.E.T.E.	Petroleum Engineering	Math 1431, 1432, 2433, 3321, and Inde 2333

Conrad N. Hilton College of Hotel and Restaurant Management

B.S.	Hotel and Restaurant Management	Core Math and either Math 2311 or Psyc 3301 or Tmth 3360

College of Liberal Arts and Social Sciences

B.A.	Advertising	Only Core Math
B.A.	American Sign Language Interpreting	6 credit hours of Math or Core Math Reasoning
B.A./B.S.	Anthropology	Phil 1321
B.A.	Chinese Studies	Only Core Math
B.A.	Classical Studies	Only Core Math
B.A./B.S.	Communication Sciences and Disorders	3 credit hours of college level statistics
B.A./B.S.	Economics	Only Core Math. B.S. requires either Math 1314 or 1431.**
B.A.	English	Math 1310
B.A.	French	Only Core Math
B.A.	Health Communication	Only Core Math
B.A.	History	Only Core Math
B.S.	Human Nutrition and Foods	Math 1310, 1330, either 2311 or Psyc 3301, and 3 additional hours of Math Reasoning
B.A.	Integrated Communication	Only Core Math
B.A.	Interpersonal Communication	Only Core Math
B.A.	Italian Studies	Only Core Math
B.A.	Journalism	Only Core Math
B.S.	Kinesiology - Exercise Science	Math 1310, 1330, either Math 2311 or Psyc 3301, and 3 additional hours of Math Reasoning
B.S.	Kinesiology - Fitness and Sports	Math 1310, either Math 2311 or Psyc 3301, and 3 additional hours of Math Reasoning
B.S.	Kinesiology - Sports Administration	Math 1310, 2311, and 3 additional hours of Math Reasoning
B.A./B.S.	Liberal Studies	Only Core Math
B.A.	Media Policy/Media Studies	Only Core Math
B.A.	Media Production	Only Core Math
B.A.	Organizational/Corporate Communication	Only Core Math
B.A.	Philosophy	Only Core Math
B.A./B.S.	Political Science	Math 1310 and Pols 3316
B.A.	Public Relations	Only Core Math
B.A./B.S.	Psychology	Core Math and Psyc 3301
B.A.	Religious Studies	Only Core Math
B.A./B.S.	Sociology	Core Math and Soc 3400
B.A.	Spanish	Only Core Math
B.A.	Women's Gender & Sexuality Studies	Only Core Math
B.A.	World Cultures and Literatures	Only Core Math

College of Natural Sciences and Mathematics

B.A./B.S.	Biology	Math 1431, 1432, and either Math 2433 or 3338 or 3339
B.A./B.S.	Biochemical and Biophysical Sciences	Math 1431, 1432, and either Math 2433 or 3338 or 3339
B.A./B.S.	Chemistry	Math 1431, 1432, 2433, and 3321
B.S.	Computer Science	Math 1431, 1432, 3339, and either 2331 or 3321, and either 3336 or Cosc 3336
B.A.	Earth Science	Math 1431 and 1432
B.S.	Environmental Sciences	Math 1431, 1432, 2433, and 3339
B.S.	Geology	Math 1431, 1432, and 2433
B.S.	Geophysics	Math 1431, 1432, 2433, 3321, 3363, and 3364

The University of Texas at Austin
Charles A. Dana Center

B.S.	Mathematical Biology	Math 1431, 1432, 2331, 2433, 3331, 3338, 3339, and either 4309 or Biol 4309, and either Math 4310 or Biol 4310, and 3 additional hours of upper 4000 level mathematics
B.A./B.S.	Mathematics (All Options)	Math 1310 and above. See course catalog for details.
B.A./B.S.	Physics	Math 1431, 1432, 2331, 2433, and 3331. B.S. also requires Math 3363 and 3364.
College of Pharmacy		
B.S.	Pre-Pharmacy	Math 1431 and 2311
College of Technology		
B.S.	Biotechnology	Math 1330, 1431, and either Tmth 3360 or Psyc 3301
B.S.	Computer Engineering Technology	Math 1330, 1431, 1432, Elet 2300, and Tech 3366
B.S.	Computer Information Systems	Math 1310, 1330, 1431, either Math 1313 or Tech 3365, and Tmth 3360
B.S.	Construction Management	Math 1313, 1330, 1431, and 2311
B.S.	Digital Media	Math 1310, 1313, 1330, Tmth 3360, and Phil 1321
B.S.	Electrical Power Engineering Technology	Math 1330, 1431, 1432, Elet 2300, and either Math 3307 or 3321 or Tmth 3360
B.S.	Human Resources Development	Math 1310, Tmth 3360, and 6 semester hours of Math Reasoning/Formal Science selected from Core approved list. 3 credit hours must be from Math.
B.S.	Mechanical Engineering Technology	Math 1330, 1431, and 1432
B.S.	Organizational Leadership and Supervision	Math 1310, 1313, and Tmth 3360
B.S.	Retailing and Consumer Science	Math 1310, Tmth 3360, and 6 semester hours of Math Reasoning/Formal Science selected from core approved list.
B.S.	Supply Chain and Logistics Technology	Math 1310, 1313, 1314, and Tmth 3360
School of Nursing		
B.S.N.	Nursing	3 credit hours of Statistics

* Math 1312, 1313, 1314, 1330, 1431, 1450, 1451 and 2311 may also be applied to satisfy Core Math Reasoning.

** Students considering graduate study in Economics are strongly urged to take Math 1431 rather than 1314, and to take additional electives in mathematics.

The University of Texas at Austin
Charles A. Dana Center

University-Wide Core Math Requirement - 3 hours selected from the following: Math 1314, 1324, 1325, 2312, 2413, 2414, and 2415.	
Course Guide	
Math 1314 College Algebra	Math 3320 Concepts in Math II
Math 1324 Finite Mathematics	Math 3321 Gaming Math for Non-Programmers
Math 1325 Business Calculus	Math 3343 History of Mathematics
Math 1342 Statistics	Math 3357 Introduction to Higher Geometry
Math 1350 Mathematics Fundamentals I	Math 3361 Linear Algebra
Math 1351 Mathematics Fundamentals II	Math 3362 Discrete Structures
Math 2312 Precalculus	Math 3391 Probability and Statistics
Math 2413 Calculus I	Math 4310 Fundamental Concepts of Analysis
Math 2414 Calculus II	Math 4345 Math Concepts II for Middle School Teachers
Math 2415 Calculus III	Busi 3303 Business Statistics
Math 3312 Math Concepts I for Middle School Teachers	Psyc 3315 Statistics for the Social Sciences (Math 3395)
Math 3318 Concepts in Math I	

University of Houston
Victoria

Degree	Major	Math Requirements
School of Arts and Sciences		
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Biology	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Biotechnology	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Communication	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Computer Information Systems	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Digital Gaming and Simulation	Core Math and 3321
B.A.A.S.	Applied Arts and Sciences - General Business	Only Core Math
B.A.A.S.	Applied Arts and Sciences - General Studies	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Leadership and Enterprise Studies	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Legal Assistance and Administration	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Marketing	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Network and Security	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Petroleum Technology	Core Math and 3391
B.A.A.S.	Applied Arts and Sciences - Psychology	Only Core Math
B.A.A.S.	Applied Arts and Sciences - Web and Media	Only Core Math
B.S.	Biology	Core Math, 2312, and 3391
B.A./B.S.	Communication	Core Math and Psyc 3315
B.A.	Communication Design	Only Core Math
B.S.	Computer Engineering	Core Math, 2413, 2414, 3362, and 3391
B.S.	Computer Science	Core Math and 3362
B.S.	Computer Science - Information Systems	Core Math, 1324, 1325, 3362, and 3391
B.S.	Computer Science - Computer Science	Core Math, 2313, 2314, 3362, and 3391
B.S.	Computer Science - Digital Gaming & Simulation	Core Math, 1324, 3361, and 3362

69

The University of Texas at Austin
Charles A. Dana Center

Source: 2017-2018 Catalog (http://www.uhv.edu/catalog/)

B.S.	Criminal Justice	Only Core Math
B.A.	Humanities	Only Core Math
B.A.	Humanities - English	Only Core Math
B.A.	Humanities - History	Only Core Math
B.A./B.S.	Mathematical Sciences	Math 2413 and beyond. See course catalog for details.
B.S.	Political Science	Only Core Math
B.A./B.S.	Psychology	Core Math and Psyc 3315
B.A.	Spanish	Only Core Math
School of Business Administration		
B.B.A.	Accounting	Math 1324, 1325, and Busi 3303
B.B.A.	Economics	Math 1324, 1325, and Busi 3303
B.B.A.	Finance	Math 1324, 1325, and Busi 3303
B.B.A.	General Business	Math 1324, 1325, and Busi 3303
B.B.A.	Healthcare Administration	Math 1324, 1325, and Busi 3303
B.B.A.	International Business	Math 1324, 1325, and Busi 3303
B.B.A.	Management	Math 1324, 1325, and Busi 3303
B.B.A.	Marketing	Math 1324, 1325, and Busi 3303
B.B.A.	Supply Chain Management	Math 1324, 1325, and Busi 3303
School of Education, Health Professions and Human Development		
B.S.I.S.	Interdisciplinary Studies - EC-6 Generalist	Math 1314, 3318, and 3320
B.S.I.S.	Interdisciplinary Studies - EC-12 LOTE Spanish	Math 1314, 1350, 1351, and either 3318 or 3312, and either 3320 or 4345
B.S.I.S.	Interdisciplinary Studies - 4-8 Generalist	Math 1314, 1350, 1351, and 3312
B.S.I.S.	Interdisciplinary Studies - 6-12 Business Education	Math 1324, 1350, 1351, and Busi 3303
B.S.I.S.	Interdisciplinary Studies - 8-12 Computer Science	Math 1314, 2413, 2414, 1350, and 1351
B.S.I.S.	Interdisciplinary Studies - 7-12 English Language Arts/Reading	Core Math, 1350, and 1351
B.S.I.S.	Interdisciplinary Studies - 7-12 History	Core Math, 1350, and 1351
B.S.I.S.	Interdisciplinary Studies - 7-12 Life Science	Core Math, 1350, 1351, and 3391
B.S.I.S.	Interdisciplinary Studies - 7-12 Mathematics	Math 2413, 2414, 3343, 3357, 3361, 3362, 3391, and 4310
B.S.I.S.	Interdisciplinary Studies - 7-12 Science	Core Math, 1350, and 1351
B.S.I.S.	Interdisciplinary Studies - 7-12 Speech	Core Math, 1350, and 1351
B.S.	Kinesiology	Math 1314
B.S.	Health Studies	Math 1314 and Psyc 3315
School of Nursing		
B.S.N.	Nursing	Math 1342 (may take psychology statistics if Core Math satisfied)

University of North Texas	University-Wide Core Math Requirement - 3 hours selected from the following: Dsci 2710, Math 1180, 1190, 1350,* 1580, 1581, 1600, 1610, 1650, 1680, 1681, and 1710.**	
	Course Guide	
	Math 1100 Algebra (Math 1314 or Math 1414)**	Math 1681 Elementary Probability & Statistics with Algebra (Math 1442)
	Math 1180 College Math for Business, Economics, and Related Fields (Math 1324)	Math 1710 Calculus I (Math 2313/Math 2413/Math 2513)
	Math 1190 Business Calculus (Math 1325/1425)	Math 1720 Calculus II (Math 2314/Math 2414)
	Math 1350 Math for Elementary Education I (Math 1350)*	Math 1780 Probability Models
	Math 1351 Math for Elementary Education II (Math 1351)*	Math 2700 Linear Algebra and Vector Geometry (Math
	Math 1580 Survey of Math with Applications (Math 1332)	Math 2730 Multivariable Calculus (Math 2315/2415)
	Math 1581 Survey of Math with Applications & Algebra	Math 3410 Differential Equations I
	Math 1600 Trigonometry (Math 1316)	Math 3680 Applied Statistics
	Math 1610 Functions, Graphs, & Applications	Dsci 2710 Data Analysis with Spreadsheets
	Math 1650 Precalculus (Math 2312/Math 2412)	Dsci 3710 Business Statistics with Spreadsheets
	Math 1680 Elementary Probability & Statistics (Math 1342/1442/2342/2442)	Econ 4630 Research Methods for Economists

Degree	Major	Math Requirements
College of Business		
B.B.A.	Accounting	Either Math 1190 or 1710, and Dsci 3710
B.S.	Aviation Logistics	Math 1190
B.B.A.	Business Administration	Either Math 1190 or 1710, and Dsci 3710
B.B.A.	Business Analytics	Either Math 1190 or 1710, and Dsci 3710
B.S.	Business Computer Information Systems	Either Math 1190 or 1710, and either Dsci 3710 or 3780
B.B.A	Business Integrated Studies	Either Math 1190 or 1710, and Dsci 3710
B.B.A.	Economics	Either Math 1190 or 1710, and Dsci 3710
B.B.A.	Entrepreneurship	Either Math 1190 or 1710, and Dsci 3710
B.B.A.	Finance	Either Math 1190 or 1710, and Dsci 3710
B.S.	Logistics and Supply Chain Management	Either Math 1190 or 1710
B.B.A.	Marketing	Either Math 1190 or 1710, and Dsci 3710
B.B.A.	Operations and Supply Chain Management	Either Math 1190 or 1710, and Dsci 3710
B.B.A.	Organizational Behavior and Human Resources Management	Either Math 1190 or 1710, and Dsci 3710
B.B.A.	Real Estate	Either Math 1190 or 1710, and Dsci 3710
B.B.A.	Risk, Insurance, and Financial Services	Either Math 1190 or 1710, and Dsci 3710
College of Education		
B.S.	Health Promotion	Only Core Math
B.S.	Human Development and Family Science	Only Core Math
B.S.	Interdisciplinary Studies - EC-6 Bilingual	Math 1350 and 1351
B.S.	Interdisciplinary Studies - EC-6 ESL	Math 1350 and 1351
B.S.	Interdisciplinary Studies - EC-6 Generalist	Math 1350 and 1351
B.S.	Interdisciplinary Studies - EC-6 Special Education, EC-12 Certification	Math 1350 and 1351

The University of Texas at Austin
Charles A. Dana Center

B.S.	Interdisciplinary Studies - 4-8 Language Arts and Reading with ESL	Core Math and two additional approved Math courses
B.S.	Interdisciplinary Studies - 4-8 Mathematics with ESL	Math 1650 and above. See course catalog for details.
B.S.	Interdisciplinary Studies - 4-8 Science with ESL	Either Math 1100 or 1180, and two additional approved Math courses
B.S.	Interdisciplinary Studies - 4-8 Social Studies with ESL	Core Math and two additional approved Math courses
B.S.	Kinesiology	Math 1680
B.S.	Public Health	Math 1680
B.S.	Recreation, Event, and Sport Management	Only Core Math
College of Engineering		
B.S.	Biomedical Engineering	Math 1710, 1720, 2700, 2730, 3410, and 3680
B.S.	Computer Engineering	Math 1710, 1720, 1780, 2700, and 2730
B.S.	Computer Science	Math 1710, 1720, 1780, and 2700
B.S.E.T.	Construction Engineering Technology	Math 1710 and 1720
B.S.	Electrical Engineering	Math 1710, 1720, 2700, 2730, 3410, and 3680
B.S./B.S.	Electrical Engineering and Mathematics	Math 1710 and beyond. See course catalog for details.
B.S.E.T.	Electrical Engineering Technology	Math 1710 and 1720
B.A.	Information Technology	Either Math 1680 or 1780, and 1710
B.S.	Materials Science and Engineering	Math 1710, 1720, 2700, and 3410
B.S.	Mechanical and Energy Engineering	Math 1710, 1720, 2700, 2730, and 3410
B.S.E.T.	Mechanical Engineering Technology	Math 1710 and 1720. A minimum of 12 semester hours of Math is required.
B.S.E.T.	Nuclear Engineering Technology	Math 1680, 1710 and 1720. Not currently accepting students.
College of Health and Public Service		
B.A.	Anthropology	Only Core Math
B.S.	Applied Behavior Analysis	Only Core Math
B.S.	Criminal Justice	Only Core Math
B.S.	Emergency Administration and Planning	Only Core Math
B.S.	Rehabilitation Studies	Only Core Math
B.S.W.	Social Work	Only Core Math
B.S.	Speech-Language Pathology and Audiology	Either Math 1680 or 1681
College of Information		
B.S.	Information Science	Only Core Math
B.A.	Linguistics	Only Core Math
Frank W. and Sue Mayborn School of Journalism		
B.A.	Journalism	Math 1680
College of Liberal Arts and Social Sciences		
B.A.	Anthropology	Only Core Math
B.A.	Communication Studies	Only Core Math
B.A.	Converged Broadcast Media	Only Core Math
B.A./B.F.A.	Dance	Only Core Math
B.A.	Economics	Either Math 1190 or 1710, and either Math 3680 or Econ 4630
B.S.E.C.O.	Economics	Math 1710, 1720, and either Math 3680 or Econ 4630, and 6 hours of advanced math electives. See course catalog for details.
B.A.	English	Only Core Math

The University of Texas at Austin
Charles A. Dana Center

B.A.	French	Only Core Math
B.A.	Geography	Math 1680 (or equivalent)
B.S.	Geography	Math 1680 (or equivalent) and 6 hours of Math (excluding Math 1010, 1100, 1350 and 1351)
B.A.	German	Only Core Math
B.A.	History	Only Core Math
B.A./B.S.	Integrative Studies	Only Core Math
B.A.	International Studies	Only Core Math
B.A.	Japanese	Only Core Math
B.A.	Latino and Mexican American Studies	Only Core Math
B.A.	Media Arts	Only Core Math
B.A.	Philosophy	Only Core Math
B.A.	Political Science	Only Core Math
B.A.	Professional and Technical Communication	Only Core Math
B.A./B.S.	Psychology	Either Math 1680 or 1681 or approved substitute
B.A.	Religious Studies	Only Core Math
B.A.	Social Science	Only Core Math
B.A./B.S.	Sociology	Only Core Math
B.A.	Spanish	Only Core Math
B.A.	Theatre	Only Core Math
College of Merchandising, Hospitality and Tourism		
B.S.	Digital Retailing	Either Math 1680 or Dsci 2710
B.S.	Home Furnishing Merchandising	Math 1680
B.S.	Hospitality Management	Only Core Math
B.S.	Merchandising	Math 1680
B.S.	Retailing	Math 1680
College of Music		
B.M.	Composition	Only Core Math
B.M.	General, Choral and Instrumental Music	Only Core Math
B.M.	Jazz Studies	Only Core Math
B.A.	Music	Only Core Math (Math 1580 or 1581 recommended)
B.M.	Music Theory	Only Core Math
B.M.	Performance	Only Core Math
New College		
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.A.A.S.	Applied Technology and Performance	Only Core Math
College of Science		
B.A.	Biochemistry	Math 1710
B.S.B.C.	Biochemistry	Math 1710 and 1720
B.A.	Biology	Either Math 1710 or 1680
B.S.B.I.O.	Biology	Math 1710
B.A.	Chemistry	Math 1710 and 1720
B.S.C.H.M.	Chemistry	Math 1710, 1720, 2700, and 2730
B.S.	Ecology for Environmental Science	Either Math 1680 or 1710
B.A.	Mathematics	Math 1710 and beyond. See course catalog for details.

B.S.M.T.H.	Mathematics	Math 1710 and beyond. See course catalog for details.
B.S.M.L.S.	Medical Laboratory Sciences	Math 1680
B.A.	Physics	Math 1710, 1720, and 2730
B.S.P.H.Y.	Physics	Math 1710, 1720, 2700, 2730, and 3410
College of Visual Arts and Design		
B.A.	Art History	Only Core Math
B.F.A.	Communication Design	Only Core Math
B.F.A.	Fashion Design	Only Core Math
B.A.	Interdisciplinary Art and Design Studies	Only Core Math
B.F.A.	Interior Design	Only Core Math
B.F.A.	Studio Art	Only Core Math
B.F.A.	Visual Arts Studies	Only Core Math

* Course offered for Elementary Education students only. Math 1350 has a prerequisite of either Math 1100 or 1180.

** Math 1100 (Algebra) does not satisfy the mathematics component of the core curriculum. Students who feel they acquired solid algebra skills in high school are strongly encouraged to take the mathematics placement exam to begin in a higher-level mathematics course.

The University of Texas at Austin
Charles A. Dana Center

University of North Texas at Dallas	University-Wide Core Math Requirement - 3 hours selected from the following: Math 1100, 1190, 1350, 1580, 1581, 1600, 1650, 1680, or 1681.	
	Course Guide	
	Math 1100 College Algebra (Math 1314)	Math 1681 Elementary Probability and Statistics with Algebra Review (Math 1342)
	Math 1190 Business Calculus (Math 1325)	Math 1710 Calculus I (Math 2413)*
	Math 1350 Math for Elementary Education Majors I (Math 1350)	Math 1720 Calculus II (Math 2414)
	Math 1351 Math for Elementary Education Majors II (Math 1351)	Math 2700 Linear Algebra and Vector Geometry (Math 2318/2418)
	Math 1352 Algebra for Teachers	Math 3000 Real Analysis I
	Math 1353 Geometry and Measurement for Teachers	Math 3350 Introduction to Numerical Analysis
	Math 1354 Numbers and Operations for Teachers	Math 3410 Differential Equations I
	Math 1355 Probability and Statistics for Teachers	Math 3510 Abstract Algebra I
	Math 1580 Survey of Math with Applications (Math 1332)	Cjus 3350 Statistics in Criminal Justice
	Math 1581 Survey of Math with Applications and Algebra Review	Dsci 2710 Data Analysis with Spreadsheets
	Math 1600 Trigonometry (Math 1316)	Dsci 3710 Business Statistics with Spreadsheets
	Math 1650 Precalculus (Math 2312/2412)	Psyc 3210 Statistics in Psychology
	Math 1680 Elementary Probability and Statistics (Math 1342 or 2342)	

Degree	Major	Math Requirements
School of Education		
B.S.	Interdisciplinary Studies	Math 1352, 1353, 1354, and 1355
B.S.	Interdisciplinary Studies - EC-6 Generalist and Bilingual	Math 1352, 1353, 1354, and 1355
B.S.	Interdisciplinary Studies - EC-6 Generalist and EC-12 Special Education	Math 1352, 1353, 1354, and 1355
B.S.	Interdisciplinary Studies - EC-6 Generalist and ESL	Math 1352, 1353, 1354, 1355
B.S.	Interdisciplinary Studies - 4-8 English, Language Arts, Reading and ESL	Math 1352, 1353, 1354, 1355
B.S.	Interdisciplinary Studies - 4-8 Mathematics and ESL	Math 1354 and beyond. See course catalog for details.
B.S.	Interdisciplinary Studies - 4-8 Science and ESL	Math 1100, 1353, 1354, and 1355
B.S.	Interdisciplinary Studies - 4-8 Social Studies and ESL	Math 1100, 1353, 1354, 1355
School of Human Services		
B.S.	Child Development and Family Studies	Math 1350
B.S.	Human Services Management and Leadership	Either 1580 or 1680
School of Liberal Arts and Life Sciences		
B.A.A.S.	Applied Arts and Sciences	Either Math 1100 or 1581 or 1681
B.S.	Biology	Math 1680 and 1710*
B.A	Biology	Math 1680 and 1710*
B.A.	Communication and Technology	Only Core Math
B.S.	Criminal Justice	Either Math 1581 or Dsci 2710, and Cjus 3350
B.A.	Information Technology	Math 1100, 1600, 1680 and 1710. Math track also requires Math 1720, 2700, 3000, 3350, 3410, and 3510.

B.A.	Mathematics	Math 1710 and beyond. See course catalog for details.
B.A.	Mathematics with Secondary Teacher Certification	Math 1710 and beyond. See course catalog for details.
B.A.	Political Science	Only Core Math
B.A.	Psychology	Core Math and Psyc 3210
B.A.	Public Health	Math 1680
B.S.	Public Health	Math 1680
B.A.	Sociology	Only Core Math
School of Business		
B.B.A.	Accounting	Either Math 1680 or 1190 and Dsci 3710. Math 1680 recommended.**
B.B.A.	Entrepreneurship	Math 1190
B.B.A.	Finance	Either Math 1680 or 1190 and Dsci 3710. Math 1680 recommended.**
B.B.A.	General Business	Either Math 1680 or 1190 and Dsci 3710. Math 1680 recommended.**
B.B.A.	Hospitality Management	Either Math 1680 or 1190 and Dsci 3710. Math 1680 recommended.**
B.S.	Logistics and Supply Chain Management	Either Math 1680 or 1190 and Dsci 3710. Math 1680 recommended.**
B.B.A.	Organizational Behavior and Human Resource Management	Either Math 1680 or 1190 and Dsci 3710. Math 1680 recommended.**

* Either Math 1600 or 1650 is a prerequisite for Math 1710.

** Math 1100 or higher is a prerequisite for Math 1190.

University of Texas at Arlington

University-Wide Core Math Requirement - 6 hours selected from the following: Math 1301, 1302, 1303, 1308, 1313, 1315, 1316, 1324, 1325, 1327, 1330, 1331, 1332, 1421, 1426,* Phil 2311, and Engr 1300. Students who are required by their majors to fulfill only Core Math requirements are typically advised to take 1301 and 1308.

Course Guide

Math 1301 Contemporary Math (Math 1332)	Math 3316 Statistical Inference
Math 1302 College Algebra (Math 1314)	Math 3318 Differential Equations
Math 1303 Trigonometry (Math 1316)	Math 3319 Differential Equations & Linear Algebra
Math 1308 Elementary Statistical Analysis (Math 1342)	Math 3321 Abstract Algebra I
Math 1313 Liberal Arts Honors Mathematics	Math 3330 Introduction to Matrices and Linear Algebra
Math 1315 Algebra for Economics & Business Analysis (Math 1324)	Math 3345 Numerical Analysis & Computer Applications
Math 1316 Math for Economics & Business Analysis (Math 1325)	Math 4350 Precalculus for Mid-Level Mathematics Teachers
Math 1324 Algebra & Trigonometry	Math 4351 Calculus for Mid-Level Mathematics Teachers
Math 1325 Analytic Geometry (Math 1348)	Biol 2300 Biostatistics
Math 1327 Architectural Calculus with Analytic Geometry	Bstat 3321 Business Statistics
Math 1330 Arithmetical Problem Solving	Cse 3380 Linear Algebra for Computer Science and Engineering
Math 1331 Geometrical Inference & Reasoning	Crcj 3340 Criminal Justice Statistics
Math 1332 Functions, Data, & Applications	Ee 2347 Mathematical Foundations of Electrical Engineering
Math 1421 Preparation for Calculus	Engr 1300 Engineering Problem Solving
Math 1426 Calculus I (Math 2413)*	Ie 3301 Engineering Probability
Math 2326 Calculus III (Math 2315)	Phil 2311 Logic
Math 2330 Functions and Modeling	Psyc 2443 Research Design and Statistics I
Math 2425 Calculus II (Math 2414)	Psyc 2444 Research Design and Statistics II
Math 3300 Introduction to Proofs	Soci 3352 Social Statistics
Math 3301 Foundations of Geometry	Socw 2325 Social Work Statistics

Degree	Major	Math Requirements
College of Architecture, Planning, and Public Affairs		
B.S.	Architecture	Math 1303 and either 1327 or 1426
B.S.	Interior Design	Math 1303 and 1327
College of Business		
B.B.A./B.S.	Accounting	Math 1315, 1316, and Bstat 3321
B.B.A./B.S.	Economics	Either Math 1315 or 1325, and either 1316 or 1426, and Bstat 3321
B.B.A.	Finance	Math 1315, 1316, and Bstat 3321
B.B.A./B.S.	Information Systems	Math 1315, 1316, and Bstat 3321
B.B.A.	International Business/Modern Language	Math 1315, 1316, and Bstat 3321
B.B.A.	Management	Math 1315, 1316, and Bstat 3321
B.B.A.	Marketing	Math 1315, 1316, and Bstat 3321
B.B.A.	Operations Management	Math 1315, 1316, and Bstat 3321
B.B.A.	Real Estate	Math 1315, 1316, and Bstat 3321
College of Education		
B.A.I.S.	Interdisciplinary Studies - EC-6 Bilingual	Math 1302, 1330, 1331 and 1332
B.A.I.S.	Interdisciplinary Studies - EC-6 ESL	Math 1302, 1330, 1331, and 1332
B.A.I.S.	Interdisciplinary Studies - 4-8 English Language Arts/Social Studies	Math 1302 and 1330

B.S.I.S.	Interdisciplinary Studies - 4-8 Mathematics/Science	Math 1302, 1308, 1330, 1331, 1332, 4350, and 4351
B.S.I.S.	Interdisciplinary Studies - 4-8 Generalist	Math 1308, 1330, 1331, 1332, 4350, and 4351

College of Engineering

B.S.A.E	Aerospace Engineering	Math 1426, 2425, 2326, and 3330
B.S.	Architectural Engineering	Math 1426, 2425, 2326, and 3319
B.S.	Biomedical Engineering	Math 1426, 2425, 2326, 3319, and either 3316 or Ie 3301
B.S.C.E.	Civil Engineering	Math 1426, 2425, 2326, and 3319
B.S.C.S.E.	Computer Engineering	Math 1426, 2425, either 3330 or Cse 3380, and an additional 3 hours of Math
B.S.C.S.	Computer Science	Math 1426, 2425, either 3330 or Cse 3380, and an additional 3 hours of Math
B.S.	Construction Management	Either Math 1302 or 1315, 1308, and 1303
B.S.E.E.	Electrical Engineering	Math 1426, 2425, 2326, 3319, and Ee 2347
B.S.I.E.	Industrial Engineering	Math 1426, 2425, 2326, and 3319
B.S.M.E.	Mechanical Engineering	Math 1426, 2425, 2326, and 3330
B.S.	Software Engineering	Math 1426, 2425, either 3330 or Cse 3380, and an additional 3 hours of Math

College of Liberal Arts

B.A.	Anthropology	Only Core Math
B.F.A./B.A.	Art	Only Core Math
B.A.	Art History	Only Core Math
B.A.	Communication - Advertising	Math 1308
B.A.	Communication - Broadcasting	Only Core Math
B.A.	Communication - Communication Technology	Only Core Math
B.A.	Communication - Journalism	Math 1308
B.A.	Communication - Public Relations	Math 1308
B.A.	Communication - Communication Studies (Organizational)	Only Core Math
B.A.	Communication - Communication Studies (Speech)	Only Core Math
B.A./B.C.R.C.J.	Criminology & Criminal Justice	Math 1301 (or higher) and either Crcj 3340 or Soci 3352. Math 1301 and 1308 are recommended.
B.A.	Critical Languages and International Studies	Only Core Math
B.A.	English	Only Core Math
B.A.	French	Only Core Math
B.A.	History	Either Math 1301 or 1302 or 1315, and either 1303 or 1308 or 1316
B.A.	Linguistics	Only Core Math
B.A.	Modern Languages	Only Core Math
B.M.	Music	Only Core Math
B.A.	Philosophy	Core Math and Phil 2311
B.A.	Political Science	Only Core Math (1302 and 1308 recommended)
B.A.	Sociology	Core Math (1301 or higher; 1308 recommended) and Soci 3352
B.A.	Spanish	Only Core Math
B.A.	Spanish for Global Competence	Only Core Math
B.A.	Spanish Translation and Interpreting	Only Core Math
B.A./B.F.A.	Theatre Arts	Only Core Math

College of Nursing and Health Innovation

The University of Texas at Austin
Charles A. Dana Center

B.A./B.S.	Athletic Training	Only Core Math (1302 and 1308 recommended). Degree is being phased out May 2016.
B.S.	Exercise Science	Math 1302 and 1308. Clinical Health track requires Math 1308 and either 1302 or 1303 or 1426.
B.A.	Kinesiology - Sport Leadership and Management	Only Core Math (1302 and 1308 recommended)
B.A.	Kinesiology - Physical Education Teacher Education	Math 1302
B.S.N.	Nursing	Math 1301
B.S.	Public Health	Either Math 1302 or 1301 and 1308
College of Science		
B.S.	Biochemistry	Math 1426, 2425, and 2326
B.S.	Biological Chemistry	Math 1421, 1426, and 2425
B.A.	Biology	Math 1302 and 1303
B.S.	Biology	Math 1421 and 1426
B.S.	Chemistry	Math 1426, 2425, 2326, and either 3319 or 3318
B.A.	Chemistry	Math 1426 and 2425
B.S.	Environmental Science	Math 1426, 2425, and either Math 3316 or Biol 2300
B.S.	Geoinformatics - General	Math 1308 and 1426
B.A.	Geology	Math 1308 and either 1324 or 1302 and 1303
B.S.	Geology - Engineering Geology	Math 1426 and 2425
B.S.	Geology - Environmental Science	Math 1426, 2425, and either Math 3316 or Biol 2300
B.A.	Geology - Geographic Information Systems	Math 1308 and either 1324 or 1302 or 1303
B.S.	Geology - Professional	Math 1426, 2425, and either 3316 or Biol 2300
B.A.	Geology - Composite Science Teacher Certification	Either Math 1302 or 1303 or 1324, and 1308
B.S./B.A.	Mathematics (All Options)	Math 1426 and beyond. See course catalog for details.
B.S.	Medical Technology	Math 1302 and either Math 1303 or 1308
B.S.	Microbiology	Math 1421 and 1426
B.A.	Physics	Math 1426, 2425, 3345, 2326, and either 3319 or 3318
B.S.	Physics	Math 1426, 2425, 3345, 2326, and either 3319 or 3318 and an additional Math 4000 level elective. Physics/Mathematics Teacher Certification also requires Math 2330, 3300, 3301, and 3321.
B.S.	Psychology	Math 1421, 1426, Psyc 2443 and 2444
B.A.	Psychology	Either Math 1302 or 1315, and either 1303 or 1316, Psyc 2443 and 2444
School of Social Work		
B.S.W.	Social Work	Math 1301 (or higher) and either Math 1308 or Socw 2325
University College		
B.A./B.S.	Interdisciplinary Studies	Only Core Math
B.S.	University Studies	Only Core Math

* Math 1426 requires the passing of a placement exam. No other prerequisites will satisfy the placement requirement.

University-Wide Core Math Requirement - 3 hours selected from the following: M 302, 305G, 316, 408C, 408K, 408R, 408N, Afr 302M, Edp 371, Sds 302, 303, 304, 305, 306, or 328M. (Note: M 310P - Modern Mathematics is available to Plan II Honors students.)	
Course Guide	
M 301 College Algebra (Math 1314)	Coe 371 Applied Mathematics I
M 302 Introduction to Mathematics (Math 1332)	Coe 372 Applied Mathematics II
M 305G Preparation for Calculus (Math 2312)	Edp 371 Introduction to Statistics
M 310P Modern Mathematics: Plan II Honors	Fin 366P Finance Practicum
M 316 Elementary Statistical Methods (Math 1342, 2342)	Psy 418 Statistics and Research Design
M 316K Foundations of Arithmetic (Math 1350)*	Mis 373 Topics in Management Information Systems
M 316L Geometry, Statistics, and Probability (Math 1351)*	Sds 302 Data Analysis for Health Sciences
M 340L Matrices and Matrix Calculations	Sds 303 Statistics in Experimental Research
M 362K Probability I	Sds 304 Statistics in Health Care
M 372 Fourier Series and Boundary Value Problems	Sds 305 Statistics in Policy Design
M 403K Calculus I for Business and Economics (Math 1425)	Sds 306 Statistics in Market Analysis
M 403L Calculus II for Business and Economics	Sds 321 Introduction to Probability and Statistics
M 408C Differential Calculus	Sds 325H Honors Statistics
M 408D Sequences, Series, and Multivariate Calculus	Sds 328M Biostatistics
M 408K Differential Calculus (Math 2413)	Sds 329C Practical Linear Algebra I
M 408L Integral Calculus (Math 2414)	Sds 332 Statistical Models for Health and Behavioral Sciences
M 408M Multivariable Calculus (Math 2415)	Soc 317L Introduction to Social Statistics
M 408N Differential Calculus for Science (Math 2413)	Sta 309 Elementary Business Statistics
M 408R Differential and Integral Calculus for Science	Sta 309H Elementary Business Statistics: Honors
M 408S Integral Calculus for Sciences (Math 2414)	Sta 371G Statistics and Modeling
M 427J Differential Equations and Linear Algebra	Sta 371H Statistics and Modeling: Honors
M 427K Advanced Calculus for Applications I	Sta 372 Topics in Statistics
M 427L Advanced Calculus for Applications II	Sta 375 Statistics and Modeling for Finance
Afr 302M Numbering Race	Sta 375H Statistics and Modeling for Finance: Honors
Ce 311S Probability and Statistics for Civil Engineers	Sw 318 Social Work Statistics

University of Texas at Austin

Degree	Major	Math Requirements
School of Architecture		
B.Arch.	Architecture	M 408C
B.Arch./B.S.	Architecture - Architectural Engineering Dual Degree	M 408C, M 408D, either M 427J or 427K, and Ce 311S
B.Arch./B.A.	Architecture/Plan II Dual Degree Program	M 408C
B.S.	Architectural Studies	M 408C
B.S.	Interior Design	Only Core Math
Red McCombs School of Business		
B.B.A.	Accounting	Sta 309, 371G, and one of the following sequences: M 408C and M 408D; or M 408K and M 408L; or M 408N and M 408S
B.B.A.	Business Honors Program	Sta 309H, either 371H or 375H, and one of the following sequences: M 408C and M 408D; or M 408K and M 408L; or M 408N and M 408S
B.B.A.	Finance	Sta 309, 371G, and one of the following sequences: M 408C and M 408D; or M 408K and M 408L; or M 408N and M 408S. Quantitative Finance track requires either Sta 375 or 375H and one of the following sequences: M 408C and 408D; or M 408K and 408L; or M 408N and 408S. Also requires either Sta 372 or Mis 373 or Fin 366P.

The University of Texas at Austin
Charles A. Dana Center

B.B.A.	International Business	Sta 309, 371G, and one of the following sequences: M 408C and M 408D; or M 408K and M 408L; or M 408N and M 408S
B.B.A.	Management	Sta 309, 371G, and one of the following sequences: M 408C and M 408D; or M 408K and M 408L; or M 408N and M 408S
B.B.A.	Management Information Systems	Sta 309, 371G, and one of the following sequences: M 408C and M 408D; or M 408K and M 408L; or M 408N and M 408S
B.B.A.	Marketing	Sta 309, 371G, and one of the following sequences: M 408C and M 408D; or M 408K and M 408L; or M 408N and M 408S
B.B.A.	Science and Technology Management	M 427J, Sta 309, 371G, and one of the following sequences: M 408C and M 408D; or M 408K, M 408L, and M 408M
B.B.A.	Supply Chain Management	Sta 309, 371G, and one of the following sequences: M 408C and M 408D; or M 408K and M 408L; or M 408N and M 408S
Moody College of Communication		
B.S.	Advertising	Sds 306
B.S.	Communication and Leadership	Only Core Math
B.S.	Communication Sciences and Disorders	Only Core Math
B.S.	Communication Studies	Only Core Math
B.J.	Journalism	Only Core Math
B.S.	Public Relations	Sds 306
B.S.	Radio/Television/Film	Only Core Math
College of Education		
B.S.	Applied Learning and Development	M 316K and M 316L. Youth and Community Studies specialization requires only Core Math.
B.S.	Athletic Training	M 305G (or calculus or statistics; courses not specified)
B.S.	Kinesiology and Health	Only Core Math. Exercise Science concentration requires either M 408C or M 408K.
B.A.	UTeach Liberal Arts	Varies by subject specialization. See details on UTeach degrees webpage.
B.S.	UTeach College of Natural Sciences	Varies by subject specialization. See details on UTeach degrees webpage.
Cockrell School of Engineering		
B.S.	Aerospace Engineering	M 408C, M 408D, either M 427J or M 427K, and M 427L
B.S.	Architectural Engineering	M 408C, M 408D, and either M 427J or M 427K
B.S.	Biomedical Engineering	M 408C, M 408D, and either M 427J or M 427K
B.S.	Chemical Engineering	M 408C, M 408D, and either M 427J or M 427K
B.S.	Civil Engineering	M 408C, M 408D, and either M 427J or M 427K
B.S.	Computational Engineering (Degree Pending THECB)	M 362K, M 408C, M 408D, either M 427J or M 427K, M 427L, Coe 371 and Coe 372
B.S.	Electrical Engineering	One of the following sequences: M 408C and M 408D; or M 408K, M 408L, and M 408M. Also requires either M 427J or 427K, M 340L, and 6-8 hours of advanced Math electives. Technical Core areas may require more advanced Math electives. See degree webpage for details.
B.S.	Environmental Engineering (Degree Pending THECB)	M 408C, M 408D, and either M 427J or M 427K
B.S.	Geosystems Engineering and Hydrogeology	M 408C, M 408D, and either M 427J or M 427K
B.S.	Mechanical Engineering	M 408C, M 408D, either M 427J or M 427K, and M 427L
B.S.	Petroleum Engineering	M 408C, M 408D, and either M 427J or M 427K
College of Fine Arts		
B.F.A.	Acting	Only Core Math
B.M.	All Instrument and Composition Majors	Only Core Math
B.A.	Art History	Only Core Math
B.S.	Arts and Entertainment Technologies	Only Core Math
B.F.A.	Dance	Only Core Math
B.A./B.F.A.	Design	Only Core Math
B.A.	Music	Only Core Math

B.A.	Music - Music Business	Only Core Math
B.M.	Music Studies	Only Core Math
B.A.	Music - Recording Technology	M 408C and 408D
B.A./B.F.A.	Studio Art	Only Core Math
B.A.	Theatre and Dance	Only Core Math
B.F.A.	Theatre Studies	Only Core Math
B.F.A.	Visual Art Studies	Only Core Math
B.M.	Voice Performance	Only Core Math
Jackson School of Geosciences		
B.A.	Geological Sciences	Only Core Math
B.S.	Geological Sciences - General Geology	One of the following sequences: M 408C and 408D; or M 408K, 408L, and 408M
B.S.	Geological Sciences - Geophysics	M 427J, M 427L, and one of the following sequences: M 408C and 408D; or M 408K, M 408L, and M 408M
B.S.	Geological Sciences - Hydrogeology	M 427J and one of the following sequences: M 408C and M 408D; or M 408K, M 408L, and M 408M
B.S.	Geological Sciences - Teaching	M 408C
B.S.	Environmental Science	Either M 408C or one of the following sequences: M 408N and M 408S; or M 408K and M 408L. Geological Sciences also requires M 408D or M 408M.
B.S.	Geosystems Engineering and Hydrogeology	M 408C, M 408D, and either M 427J or M 427K
College of Liberal Arts		
B.A.	African and African Diaspora Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	American Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Anthropology	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Asian Cultures and Languages	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Asian Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Asian American Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Classical Archaeology	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Classical Languages	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Classical Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Economics	One of the following sequences: M 408C and 408D; or M 408K and 408L. Mathematics 403K and 403L (and transfer equivalents) may not be substituted for the required Math courses.
B.A.	English	Only Core Math (excluding M 301, M 316K, and M 316L)
B.S.	Environmental Science	Either M 408C, or one of the following sequences: M 408N and M 408S; or M 408K and M 408L
B.A.	Ethnic Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	European Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	French	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Geography	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	German	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	German, Scandinavian, and Dutch Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Government	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Health and Society	Core Math (excluding M 301, M 316K, and M 316L) and 3 hours of methods & statistics. Contact department for approved list of Statistics courses.
B.A.	History	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Humanities	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Iberian and Latin American Languages and Cultures	Only Core Math (excluding M 301, M 316K, and M 316L)

The University of Texas at Austin
Charles A. Dana Center

B.A.	International Relations and Global Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Islamic Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Italian	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Jewish Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Latin American Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Linguistics	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Mexican American Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Middle Eastern Languages and Cultures	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Middle Eastern Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Philosophy	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Plan II Honors	M 310P
B.A.	Portuguese	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Psychology	Core Math (excluding M 301, M 316K, and M 316L) and Psy 418
B.S.	Psychology	Either M 408C or M 408K or more advanced calculus, and either M 316 or more advanced mathematics course in probability
B.A.	Religious Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Rhetoric and Writing	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Russian Language and Culture	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Russian, East European, and Eurasian Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Sociology	Core Math (excluding M 301, M 316K, and M 316L) and Soc 317L (or approved substitution)
B.A.	Spanish	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Sustainability Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
B.A.	Urban Studies	Either M 408C or M 408K, and either M 316 or Sds 305
B.A.	Women's and Gender Studies	Only Core Math (excluding M 301, M 316K, and M 316L)
College of Natural Sciences		
B.A.	Astronomy	Only Core Math (excluding M 301, M 316K, and M 316L)
B.S.A.	Astronomy	M 408C, 408D, and 427K
B.S.	Astronomy	M 408C, M 408D (or equivalent), and either M 427J or M 427K, M 427L, and M 340L
B.A./B.S.	Biochemistry	Sds 328M and one of the following sequences: M 408C and M 408D; or M 408N, M 408M, and M 408S
B.S.A.	Biochemistry	Sds 328M and one of the following sequences: M 408C or M 408N and M 408S
B.A./B.S.A.	Biology	Sds 328M and one of the following sequences: M 408C or M 408R; or M 408N and M 408S
B.S.	Biology	Sds 328M and one of the following sequences: M 408C or M 408N; or M 408N and M 408S. Some options require additional Math and Statistics. See catalog for details.
B.A.	Chemistry	One of the following sequences: M 408C and 408D; or M 408N, M 408M, and M 408S
B.S.	Chemistry	One of the following sequences: M 408C and 408D; or M 408N, M 408S, and M 408M. Some options require additional Math and Statistics. See catalog for details.
B.S.A.	Chemistry	One of the following sequences: M 408C and 408D; or M 408N or M 408S
B.A./B.S.A.	Computer Science	Either M 408C or; M 408N and M 408S; and either M 340L or M 341 or Sds 329C, and either M 362K or Sds 321
B.S.	Computer Science	Either M 408C and M408D; or M 408N, M 408M, and M 408S; and either M 340L or M 341 or Sds 329C; and either Math 362K or Sds 321. Some options require additional Math and Statistics. See catalog for details.
B.S.	Environmental Science	One of the following sequences: M 408C; or M 408N and M 408S; or M 408K and M 408L. Biological Sciences option also requires either Sds 321 or 328M.
B.S.A.	Human Development and Family Sciences	Sds 302 and either M 408C or M 408N or Sds 332
B.S.	Human Development and Family Sciences	Sds 302 and either M 408C or M 408N or Sds 332. Honors options require a calculus course and a statistics course, one of which must be a designated Honors course.

The University of Texas at Austin
Charles A. Dana Center

B.S.A.	Human Ecology	Sds 302 and either M 408C or M 408N or Sds 332
B.A./B.S.A./B.S.	Mathematics	M 408C and beyond. See catalog for details.
B.S.	Medical Laboratory Science	Either M 408C or M 408N, and either Sds 304 or Sds 328M
B.S.	Neuroscience	Sds 328M and one of the following: either M 408C; or M 408N and 408S. Honors option requires an Honors mathematics course and 3 hours of Statistics chosen from the following: Sds 321, 325H, or 328M.
B.S.A.	Neuroscience	Sds 328M and one of the following sequences: M 408C; or M 408N and M 408S
B.S.	Nutrition	Either M 408C or M 408N or Sds 332, and one of the following: Sds 302, Sds 304, Sds 306, Sds 325H, or Sds 328M. Some options may require additional Math and Statistics. See catalog for details.
B.S.A	Nutrition	Either M 408C or M 408N or Sds 332, and select one of the following: Sds 302, Sds304, Sds 306, Sds 325H, or Sds 328M
B.S.	Physics	M 408C, M 408D, either M 427J or M 427K, M427L and 6 additional hours of upper division coursework in mathematics. See catalog for details on program option requirements.
B.A.	Physics	M 408C, 408D, and either M 427K or M 427J or M 372 and 9 additional hours of mathematics including 3 upper division hours
B.S.A.	Physics	M 408C, M 408D, M 427K, and M 472L
B.S.	Public Health	Either M 408C or M 408N and Sds 328M. Biostatistics and public health informatics specializations require additional Math and Statistics coursework. See catalog for details.
B.S.	Textiles and Apparel	Either M 408C or M 408N or Sds 332; and one of the following: M 316, Edp 371, Sds 302, Sds 303, Sds 304, Sds 305, Sds 306. Honors option only requires either M 408C or M 408N or Sds 332.
School of Nursing		
B.S.	Nursing	Only Core Math (Sds 302 recommended)
B.S.N.	Registered Nursing	Only Core Math (Sds 302 recommended)
School of Social Work		
B.S.W.	Social Work	Core Math and Sw 318

* Restricted to students in a teacher preparation program.

The University of Texas at Austin
Charles A. Dana Center

<table>
<tr><td rowspan="22" align="center">

**University of Texas
at Dallas**</td><td colspan="2">**University-Wide Core Math Requirement - 3 hours selected from the following: Math 1306, 1314, 1316, 1325, 2306, 2312, 2413, 2414, 2415, 2417, Phil 2303, Psy 2317, Stat 1342, or Stat 2332.**</td></tr>
<tr><td colspan="2">**Course Guide**</td></tr>
<tr><td>Math 1306 College Algebra for the Non-Scientist</td><td>Ce/Cs/Te 2305/3305 Discrete Math for Computing I & II (Math 2305)</td></tr>
<tr><td rowspan="2">Math 1314 College Algebra</td><td>Cs/Se/Stat 3341 Probability and Statistics in Computer Science & Software Engineering</td></tr>
<tr><td>Engr 2300 Linear Algebra for Engineers</td></tr>
<tr><td>Math 1316 Trigonometry</td><td>Engr 3300 Advanced Engineering Mathematics</td></tr>
<tr><td>Math 1325 Applied Calculus I</td><td>Engr 3341 Probability Theory and Statistics</td></tr>
<tr><td>Math 1326 Applied Calculus II</td><td>Epps 2302 Quantitative Analysis in the Social Sciences</td></tr>
<tr><td>Math 2306 Analytic Geometry</td><td>Epps 2303 Statistics for the Social and Policy Sciences</td></tr>
<tr><td>Math 2312 Precalculus</td><td>Geos 5306 Data Analysis for Geoscientists</td></tr>
<tr><td>Math 2333 Matrices, Vectors, and Their Application</td><td>Phil 2303 Introduction to Logic</td></tr>
<tr><td>Math 2413 Differential Calculus</td><td rowspan="2">Phys 3330 Numerical Methods in Physics & Computational Techniques</td></tr>
<tr><td rowspan="2">Math 2414 Integral Calculus</td></tr>
<tr><td>Psy 2317 Statistics for Psychology</td></tr>
<tr><td>Math 2415 Calculus of Several Variables</td><td>Opre 3333 Quantitative Business Analysis</td></tr>
<tr><td>Math 2417 Calculus I</td><td>Opre 3360 Managerial Methods</td></tr>
<tr><td>Math 2418 Linear Algebra</td><td>Se 3306 Mathematical Foundations of Software Engineering</td></tr>
<tr><td>Math 2419 Calculus II</td><td>Stat 1342 Statistical Decision Making (Math 1342)</td></tr>
<tr><td>Math 2420 Differential Equations with Applications</td><td>Stat 2332 Introductory Statistics for Life Sciences</td></tr>
<tr><td>Math 2451 Multivariable Calculus with Applications</td><td>Stat 3360 Probability and Statistics for Management & Economics</td></tr>
<tr><td>Math 4362 Partial Differential Equations</td><td></td></tr>
</table>

Degree	**Major**	**Math Requirements**
School of Arts and Humanities		
B.A.	Art and Performance	Only Core Math
B.A.	Historical Studies	Only Core Math
B.A.	Literary Studies	Only Core Math
B.A.	Philosophy	Phil 2303
B.A.	Visual and Performing Arts	Only Core Math
School of Arts, Technology, and Emerging Communication		
B.A.	Arts and Technology	Only Core Math
B.A.	Emerging Media and Communication	Either Math 1306 or 1314, and Psy 2317
School of Behavioral and Brain Sciences		
B.S.	Child Learning and Development	Either Math 1306 or 1314 or 2417, and either Psy 2317 or Stat 1342 or 2332
B.S.	Cognitive Science	Either Math 2413 or 2417, and either 2414 or 2419, and either Cs 3341 or Psy 2317, and Math 2418. Math 2417 and 2419
B.S.	Neuroscience	Either Math 2414 or 2417, and either Stat 1342 or 2332 or Psy 2317
B.S.	Psychology	Either Math 1306 or 1314 or 2417, and either Stat 1342 or Stat 2332 or Psy 2317
B.S.	Speech-Language Pathology and Audiology	Core Math and either Psy 2317 or Stat 1342
School of Economic, Political, and Policy Sciences		
B.A.	Criminology	Either Math 1306 or 1314, and either Epps 2302 or Epps 2303
B.A.	Criminology and Biology (Double Major)	Either Math 1325 or 2413, and one of the following: Math 2414, Epps 2302, 2303, or Stat 2332
B.A.	Economics	Either Math 1325 or 2413 or 2417, and one of the following: Epps 2302, Epps 2303, Opre 3360, Stat 1342, or Stat 3360

B.S.	Economics	Either Math 1325 or 2413 or 2417, and either Math 2419 or 1326 or 2414, and one of the following: Epps 2302, Opre 3360, Stat 1342, or Stat 3360
B.S.	Economics and Finance (Double Major)	Math 1325, 1326, and either Math 2333 or Opre 3333, and either Stat 3360 or Opre 3360**
B.S.	Geospatial Information Sciences	Math 1325 and either Epps 2302 or 2303
B.A./B.S.	International Political Economy	For B.A., Math 1314 and either Epps 2302 or 2302. For B.S., Math 1325 and Epps 2303.
B.S.	International Political Economy & Global Business (Double Major)	Math 1325, 1326, either Stat 3360 or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305 or Opre 3333***
B.A.	Political Science	Math 1314 and either Epps 2302 or 2303
B.S.	Public Affairs	Either Math 1306 or 1314, and either Epps 2302 or 2303
B.S.	Public Policy	Core Math (at or above Math 1325) and either Epps 2302 or 2302
B.A.	Sociology	Either Math 1306 or 1314, and either Epps 2302 or 2303
Erik Jonsson School of Engineering and Computer Science		
B.S.	Biomedical Engineering	Math 2417, 2419, 2420, Engr 2300, 3300, and 3341
B.S.	Computer Engineering	Math 2417, 2419, 2420, Ce 2305, Engr 2300, 3300, and 3341
B.S.	Computer Science	Either Math 2413 or 2417, either 2414 or 2419, 2418, Cs 2305, 3305, and 3341
B.S.E.E.	Electrical Engineering	Math 2417, 2419, 2420, Engr 2300, 3300, and 3341
B.S.	Mechanical Engineering	Math 2417, 2419, 2420, Engr 2300, 3300, and 3341
B.S.	Software Engineering	Either Math 2413 or 2417, either 2414 or 2419, 2418, Cs 2305, Se 3306, and 3341
School of Interdisciplinary Studies		
B.A.	American Studies	Either Math 1306 or 1314
B.S.	Healthcare Studies	Either Math 1325 or 2413 or 2417 and Stat 2332
B.A.	Interdisciplinary Studies	Either Math 1306 or 1314
B.S.	Interdisciplinary Studies	Either Math 1325 or 2413 or 2417, either 1326 or 2414 or 2419, 2415, and one 3 hour statistics course
Naveen Jindal School of Management		
B.S.	Accounting	Math 1325, 1326, either Stat 3360 or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333*
B.S.	Business Administration	Math 1325, 1326, either Stat 3360, or 4351, or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333*
B.S.	Finance	Math 1325, 1326, either Stat 3360 or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333*
B.S.	Finance and Economics	Math 1325, 1326, either Stat 3360 or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333*
B.S.	Global Business	Math 1325, 1326, either Stat 3360 or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333*
B.S.	Global Business and International Political Economy (Double Major)	Math 1325, 1326, either Stat 3360 or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333*
B.S.	Healthcare Management	Math 1325, 1326, either Stat 3360 or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333*
B.S.	Healthcare Management and Biology (Double Major)	Math 2413, 2414, and either Stat 3360 or 2332 or Opre 3360. Also requires one of the following: Math 2333, 2418, Cs 2305, or Opre 3333.*
B.S.	Healthcare Management and Molecular Biology	Math 2417, 2419, and either Stat 3360 or 2332 or Opre 3360. Also requires one of the following: Math 2333, 2418, Cs 2305, or Opre 3333.
B.S.	Human Resource Management	Math 1325, 1326, and Opre 3333***
B.S.	Information Technology and Systems	Math 1325, 1326, either Stat 3360 or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333*
B.S.	Marketing	Math 1325, 1326, either Stat 3360 or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333*
B.S.	Supply Chain Management	Math 1325, 1326, either Stat 3360 or Opre 3360, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333*
School of Natural Sciences and Mathematics		
B.S.	Actuarial Science	Math 2417 and beyond. See course catalog for details.
B.S.	Biochemistry	Select one of the following sequences: Math 2413, 2414, and 2415; or 2417, 2419, and 2451. Stat 2332 is also strongly
B.A.	Biology	Select one of the following sequences: Math 2413 and 2414; or Math 2417 and 2419; or Math 1325 and Stat 2332

The University of Texas at Austin
Charles A. Dana Center

B.S.	Biology	Select one of the following sequences: Math 2413 and 2414; or 2417 and 2419
B.A.	Biology and Criminology	Select from one of the following sequences: Math 2413 and 2414; or 1325, and either Stat 2332 or Epps 2302*
B.S.	Biology and Healthcare Management	Math 2413, 2414, and one of the following: Math 2333, 2418, Cs 2305, or Opre 3333.* One of the following is also required: Stat 3360, 2332, or Opre 3360.
B.A./B.S.	Chemistry	Select one of the following sequences: Math 2413, 2414, 2415, and 2418; or 2417, 2419, 2451, and 2418. In both sequences Math 2418 can be substituted with Stat 2332.
B.S.	Geosciences - Geology	Either Math 2413 or 2417, and either 2414 or 2419, and one of the following: Geos 5306 (with permission), Math 2418, 2451, or Phys 3330
B.S.	Geosciences - Geophysics	Either Math 2413 or 2417, and either 2414 or 2419, 2420, 2451, and 4362
B.S.	Mathematics	Math 2417 and above. See course catalog for details.
B.A.	Mathematics	Math 2417 and above. See course catalog for details.
B.S.	Molecular Biology	Math 2417, 2419, and 2418
B.S.	Molecular Biology and Healthcare Management (Double Major)	Math 2417, 2419, and one of the following: 2418, 2333, Cs 2305, or Opre 3333.* One of the following is also required: Stat 3360, 2332, or Opre 3360.
B.A./B.S.	Physics	Either Math 2413 or 2417, and either 2414 or 2419, and either 2415 or 2451, 2418, and 2420

* May substitute Math 2413 and Math 2414 or Math 2417 and Math 2419 for Math 1325 and 1326.

** May substitute Math 2333 for Math 2418 or Cs 2305.

The University of Texas at Austin
Charles A. Dana Center

University of Texas at El Paso

University-Wide Core Math Requirement - 3 hours selected from the following: Math 1319, 1320, 1411, 1508,* 2301, 2326, Stat 1380, or Stat 2480.

Course Guide

Math 1312 Calculus II (Math 2314)	Math 4302 Fundamental Math Concepts Taught in Grades 4-8
Math 1319 Math in the Modern World (Math 1333)	Math 4329 Numerical Analysis
Math 1320 Math for Social Sciences I (Math 1324)	Math 4336 Applied Analysis II
Math 1411 Calculus I (Math 2413)	Biol 1306 Organismal Biology
Math 1508 Precalculus (Math 2412)*	Ce 2373 Engineering Probability and Statistics
Math 2300 Discrete Mathematics (Math 2305)	Clsc 2212 Clinical Laboratory Statistics
Math 2301 Math for Social Sciences II (Math 1325)	Ee 3384 Probabilistic Methods in Engineering and Science
Math 2303 Number Concepts	Kin 3313 Statistics and Measurement in Kinesiology
Math 2304 Geometry & Measurement	Phys 3351 Analytic Mechanics I
Math 2313 Calculus III (Math 2315)	Phys 4348 Fundamentals of Acoustics
Math 2325 Introduction to Higher Mathematics	Psyc 1303 Statistical Methods
Math 2326 Differential Equations (Math 2320)	Psyc 4317 Advanced Statistics
Math 3300 History of Mathematics	Qmb 2301 Fundamentals of Business Statistics
Math 3303 Fundamentals of Number Theory from an Advanced Standpoint	Soci 2312 Measurement and Inference in Social Research
Math 3304 Fundamentals of Geometry from an Advanced Standpoint	Stat 1380 Descriptive and Inferential Statistics (Math 1342)
Math 3305 Proportion and Algebra	Stat 2182 Computing Lab for Stat 2380
Math 3308 Proportional & Algebraic Reasoning I	Stat 2380 Statistical Methods I
Math 3309 Proportional & Algebraic Reasoning II	Stat 2381 Statistical Methods II
Math 3323 Matrix Algebra	Stat 2480 Elementary Statistical Methods
Math 3325 Principles of Mathematics	Stat 3320 Probability and Statistics
Math 3335 Applied Analysis I	Stat 3330 Probability

Degree	Major	Math Requirements
College of Business		
B.B.A.	Accounting	Either Math 1320 or 1411 or 1508, and either 2301 or 1411, and Qmb 2301. Math 1320 and 2301 are recommended.
B.A.	Economics	Math 1320 (or higher level calculus), 2301 and one Stat or Qmb course
B.B.A.	Economics	Either Math 1320 or 1411 or 1508, and either 2301 or 1411, and Qmb 2301. Math 1320 and 2301 are recommended.
B.B.A.	Finance	Either Math 1320 or 1411 or 1508, and either 2301 or 1411, and Qmb 2301. Math 1320 and 2301 are recommended.
B.B.A.	General Business	Either Math 1320 or 1411 or 1508, and either 2301 or 1411, and Qmb 2301. Math 1320 and 2301 are recommended.
B.B.A.	Information Systems	Either Math 1320 or 1411 or 1508, and either 2301 or 1411, and Qmb 2301. Math 1320 and 2301 are recommended.
B.B.A.	Management	Either Math 1320 or 1411 or 1508, and either 2301 or 1411, and Qmb 2301. Math 1320 and 2301 are recommended.
B.B.A.	Marketing	Either Math 1320 or 1411 or 1508, and either 2301 or 1411, and Qmb 2301. Math 1320 and 2301 are recommended.
B.B.A.	Operations and Supply Chain Management	Either Math 1320 or 1411 or 1508, and either 2301 or 1411, and Qmb 2301. Math 1320 and 2301 are recommended.
College of Education		
B.I.S.	Interdisciplinary Studies - PK-12 Special Education	Math 2303, 2304, either 3305 or 3308, and Stat 1380
B.I.S.	Interdisciplinary Studies - EC-6 Generalist	Math 2303, 2304, 3305, and Stat 1380
B.I.S.	Interdisciplinary Studies - EC-6 Bilingual Generalist	Math 2303, 2304, 3305, and Stat 1380
B.I.S.	Interdisciplinary Studies - EC-6 Bilingual Generalist (Headstart)	Math 2303, 2304, 3305, and Stat 1380
B.I.S.	Interdisciplinary Studies - 4-8 Generalist	Math 2303, 2304, 3308, and Stat 1380

B.I.S.	Interdisciplinary Studies - 4-8 Bilingual Generalist	Math 2303, 2304, 3308, 3309, and Stat 1380
B.I.S.	Interdisciplinary Studies - 4-8 English Language Arts and Reading	Math 2303, 2304, and Stat 1380
B.I.S.	Interdisciplinary Studies - 4-8 English Language Arts, Reading, and Social Studies	Math 2303, 2304, and Stat 1380
B.I.S.	Interdisciplinary Studies - 4-8 Mathematics	Math 1508 and beyond. See catalog for details.
B.I.S.	Interdisciplinary Studies - 4-8 Mathematics and Science	Math 1411, 2303, 2304, 3308, 4302, Stat 1380, and one of the following: Math 3300, 3303, or 3304
B.I.S.	Interdisciplinary Studies - Pedagogy and Community Studies	Math 2303, 3305, and Stat 1380
College of Engineering		
B.S.	Civil Engineering	Math 1411, 1312, 2313, 2326, and Ce 2373
B.S.	Computer Science	Math 1411, 1312, 2300, 3323, 4329, and either Stat 3320 or 3330 or Ee 3384
B.S.	Construction Engineering and Management	Math 1411, 1312, 2313, and Ce 2373
B.S.	Electrical Engineering	Math 1411, 1312, 2313, 2326, 2300, and 3323
B.S.	Engineering Leadership	Math 1411, 1312, 2313, and 2326
B.S.	Industrial Engineering	Math 1411, 1312, 2313, 2326, 3323, and 4329
B.S.	Mechanical Engineering	Math 1411, 1312, 2313, and one of the following: Math 2325, 2326, 3323, 3325, Biol 1306, Phys, 3351, or Phys 4348
B.S.	Metallurgical and Materials Engineering	Math 1411, 1312, 2313, and 2326
College of Health Sciences		
B.S.	Clinical Lab Science	Math 1411 and Clsc 2212
B.S.	Health Promotion	Either Math 1320 or 1411 or 1508, and Psyc 1303.
B.S.	Kinesiology	Math 1320 (or higher) and Kin 3313. Human Fitness and Performance concentration also requires Psyc 1303. Clinical Exercise concentration requires either Kin 3313 or Psyc 1303.
B.S.	Rehabilitation Services	Math 1508 and Psyc 1303
B.S.W.	Social Work	Either Math 1320 or 1411 or 1508, and one of the following: Psyc 1303, Soci 2312, Stat 1380, or 2480. Psyc 1303 is recommended.
College of Liberal Arts		
B.A.	Anthropology	Only Core Math
B.A./B.F.A.	Art	Only Core Math
B.A.	Art History	Only Core Math
B.A.	Chicano Studies	Only Core Math
B.A.	Communication Studies	Only Core Math
B.A.	Creative Writing	Only Core Math
B.A.	Criminal Justice	Math 1320
B.F.A./B.A.	Dance	Only Core Math
B.A.	Digital Media Production	Only Core Math
B.A.	English	Only Core Math
B.A.	English and American Literature	Only Core Math
B.A.	French	Only Core Math
B.A.	History	Only Core Math
B.A.	Linguistics	Only Core Math
B.A.	Media Advertising	Only Core Math
B.M.S.	Multidisciplinary Studies	Only Core Math
B.A.	Multimedia Journalism	Only Core Math

The University of Texas at Austin
Charles A. Dana Center

B.M.	Music	Only Core Math
B.A.	Organizational & Corporate Communication	Only Core Math
B.A.	Philosophy	Only Core Math
B.A.	Political Science	Only Core Math
B.A.	Psychology	Psyc 1303 and select 3 hours from the following: Math 1312, 1320, 1411, 1508, 2313, or Stat 1380.
B.S.	Psychology	Math 1411, 1312, Psyc 1303, and Psyc 4317
B.A.	Sociology	Only Core Math
B.A.	Spanish	Only Core Math
B.F.A.	Studio Art	Only Core Math
B.F.A.	Theatre	Only Core Math
B.A.	Theatre Arts	Only Core Math
B.A.	Women's and Gender Studies	Only Core Math
School of Nursing		
B.S.N.	Nursing	Either Math 1320 or 1411 or 1508
College of Science		
B.S.	Biochemistry	Math 1411, 1312, and 2313
B.A.	Biological Sciences	Math 1411 and either 1312 or 2480
B.S.	Biological Sciences	Math 1411 and select one of the following: Math 1312, Stat 2182, 2380, 2381, or 2480
B.S.	Cellular and Molecular Biochemistry	Math 1411 and either Math 1312 or Stat 2480
B.S.	Chemistry	Math 1411, 1312, and 2313
B.S.	Environmental Science - Biology	Math 1411 and Stat 2480
B.S.	Environmental Science - Geoscience	Math 1411, 1312, and Stat 2480
B.S.	Environmental Science - Chemistry	Math 1411, 1312, and 2313 and Stat 2480
B.S.	Environmental Science - Hydroscience	Math 1411, 1312, 2326, and Stat 2480
B.S.	Environmental Science - 7-12 Science Teacher Certification	Math 1411, 1312, and Stat 2480
B.S.	Forensic Science	Math 1411 and Stat 2480
B.S.	Geological Sciences	Math 1411 and 1312
B.S.	Geophysics	Math 1312, 1411, 2313, 2326, and 4336
B.S.	Mathematics	Math 1411 and beyond. See catalog for details.
B.S.	Microbiology	Math 1411 and either Math 1312 or Stat 2480
B.S.	Physics	Math 1411, 1312, 2313, and 2326
B.S.	Physics - Applied Physics	Math 1411, 1312, 2313, 2326, 3323, and two of the following: 3335, 4329, or 4336
B.S.	Physics - Atmospheric Physics	Math 1411, 1312, 2313, 2326, 3323, and two of the following: 3335, 4329, or 4336
B.S.	Physics - Medical Physics	Math 1411, 1312, 2313, 2326, 3323, and two of the following: 3335, 4329, or 4336
B.S.	Physics - Pre-Med	Math 1411, 1312, 2313, 2326, and 3335
B.S.	Physics - 7-12 Physics/Mathematics Teacher Certification	Math 1411, 1312, 2313, 2326, 3323, and two of the following: 3335, 4329, or 4336

* Math 1508 Core requirement can be satisfied with Math 1314 or higher level calculus.

The University of Texas at Austin
Charles A. Dana Center

<table>
<tr><td rowspan="13" style="background:orange">**University of Texas at Permian Basin**</td><td colspan="2">University-Wide Core Math Requirement - 3 or 4 hours selected from the following: Math 1314, 1324, 1332, 2412, or 2413. In addition, the following courses are accepted for transfer: Math 1314, 1316, 1324, 1325, 1332, 1333, 1350, and 2412.</td></tr>
</table>

University of Texas at Permian Basin

University-Wide Core Math Requirement - 3 or 4 hours selected from the following: Math 1314, 1324, 1332, 2412, or 2413. In addition, the following courses are accepted for transfer: Math 1314, 1316, 1324, 1325, 1332, 1333, 1350, and 2412.	
Course Guide	
Math 1314 College Algebra	Math 2415 Calculus III
Math 1324 Applications to Discrete Mathematics	Math 3301 Statistics
Math 1325 Applications to Continuous Math	Math 3305 Mathematical Reasoning
Math 1332 Contemporary Mathematics I	Math 3310 Linear Algebra
Math 1333 Contemporary Mathematics II	Math 3320 Differential Equations
Math 1350 Foundations of Elementary Math I	Crim 3360 Introductory Statistics for Criminology
Math 2350 Foundations of Elementary Math II	Mngt 2342 Principles of Statistics
Math 2412 Precalculus	Psyc 3301 Introductory Statistics
Math 2413 Calculus I	Soci 3317 Introduction to Statistics
Math 2414 Calculus II	

Degree	Major	Math Requirements
College of Business and Engineering		
B.B.A.	Accountancy	Either Math 1324 and 1325, or 2412 and 2413. Also requires Mngt 2342.
B.A.	Economics	Either Math 1324 and 1325, or 2412 and 2413. Also requires Mngt 2342.
B.B.A.	Finance	Either Math 1324 and 1325, or 2412 and 2413. Also requires Mngt 2342.
B.A.A.S/B.S.	Industrial Technology	Math 1324, 1325, and Mngt 2342
B.B.A.	Management	Either Math 1324 and 1325, or 2412 and 2413. Also requires Mngt 2342.
B.B.A.	Marketing	Either Math 1324 and 1325, or 2412 and 2413. Also requires Mngt 2342.
B.S.	Mechanical Engineering	Math 2413, 2414, 2415, 3301, 3310, and 3320
B.S.	Petroleum Engineering	Math 2413, 2414, 2415, 3301, and 3320
College of Arts and Sciences		
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.A./B.F.A.	Art	Only Core Math
B.S.	Athletic Training	Only Core Math
B.S.	Biology	Math 2413 and 2414. Pre-Professional also requires statistics (Math 3301 recommended).
B.S.	Biology - 4-8 Teacher Certification	Math 1314, 1350, 2350 and either Math 2412 or Psyc 3301
B.S.	Biology - 7-12 Teacher Certification	Math 2413 and 2414. Students whose minor is in a program outside of the Department of Science and Mathematics may take Math 1332 and either Math 1333 or 2412 instead.
B.S.	Chemistry	Math 2412 and 2413. Biochemistry track also requires Math 3301. Nuclear Chemistry track also requires Math 2414, 2415, and 3320.
B.A.	Child and Family Studies	Only Core Math
B.S.	Clinical Laboratory Science	Math 1314 or above
B.A.	Communication Studies	Only Core Math
B.S.	Computer Science	Math 2412, 2413, 2414, 3301, and 3305
B.S.	Criminal Justice (Online)	Only Core Math
B.A.	Criminology	Core Math and Crim 3360
B.A.	English	Select one of the following: Math 1314, 1324, 1332, or 2412
B.S.	Geology	Math 2413 and either Psyc 3301 or Soci 3317 or other approved statistics course
B.S.	Geology - Paleontology	Math 2412 and either Psyc 3301 or Soci 3317 or other approved statistics course
B.S.	Geology - Petroleum	Math 2413, either Psyc 3301 or Soci 3317 or other approved statistics course, and select from one of the following: Math 1314, 1324, 1332, or 2412

B.S.	Geology - Pre-Professional	Math 2413, either Psyc 3301 or Soci 3317 or other approved statistics course, and select from one of the following: Math 1314, 1324, 1332, or 2412
B.A.	History	Only Core Math
B.A.	Humanities	Only Core Math
B.S.	Information Systems	Either Math 1324 or 2413, and either 1325 or 2414
B.S.	Kinesiology	Only Core Math
B.A.	Leadership Studies	Only Core Math
B.S.	Mathematics	Math 2413 and beyond. See catalog p. 258 for details.
B.A.	Music	Only Core Math
B.A.	Political Science	Only Core Math
B.A.	Psychology	Core Math and Psyc 3301
B.S.W.	Social Work	Core Math and either Psyc 3301 or Soci 3317
B.A.	Sociology	Math 1314 and Soci 3317
B.A.	Spanish	Only Core Math
College of Education		
B.A.	Multidisciplinary Studies	Core Math, 1350, and 2350
College of Nursing		
B.S.N.	Nursing	Math 1314 and Psyc 3301

The University of Texas at Austin
Charles A. Dana Center

University of Texas at Rio Grande Valley	University-Wide Core Math Requirement - 3 hours of Math from one of the following: Math 1314, 1414, 1324, 1325, 1332, 1342, 1343, 1382, 1387, 1388, 2412, 2413, or 2487.	
	Course Guide	
	Math 1314/1414 College Algebra	Math 3343 Introduction to Mathematical Software
	Math 1324 Math for Business and Social Sciences	Math 3350 Introduction to Mathematical Proof
	Math 1325 Calculus for Business and Social Sciences	Math 3352 Modern Geometry I
	Math 1332 Contemporary Mathematics	Math 3361 Applied Discrete Mathematics
	Math 1342 Elementary Statistical Methods	Math 3363 Modern Algebra I
	Math 1343 Introduction to Biostatistics	Math 4337 Probability and Statistics I
	Math 1350 Fundamentals of Mathematics I	Crij 3305 Statistical Applications in Criminal Justice
	Math 1351 Fundamentals of Mathematics II	Csci 3310 Mathematical Foundations of Computer Science
	Math 1382 Contemporary Mathematics (Honors)	Elee 3340 Probability and Statistics for Electrical Engineers
	Math 1387 Elementary Statistical Methods (Honors)	Mane 2332 Engineering Statistics
	Math 1388 Introduction to Biostatistics (Honors)	Mate 3317 Perspectives in Math and Science (Phil 3317)
	Math 2318 Linear Algebra	Pols 2370 Introductory Statistics for Political Science
	Math 2334 Applied Statistics for Health	Psyc 2302 Basic Statistics for Psychologists
	Math 2346 Mathematics for Electrical and Computer Engineers	Qumt 2341 Business Statistics I*
	Math 2412 Precalculus	Qumt 3341 Business Statistics II
	Math 2413 Calculus I (2487 Honors)	Qumt 4343 Quantitative Methods for Decision-Making in Business
	Math 2414 Calculus II (2488 Honors)	Soci 2305 Introduction to Social Research
	Math 2415 Calculus III	Soci 3301 Statistics for the Behavioral Sciences
	Math 3331 Applied Statistics I	Stat 3301 Applied Statistics for Science, Engineering, and Medical Science
	Math 3341 Differential Equations	Stat 3337 Probability and Statistics

Degree	Major	Math Requirements
College of Business and Entrepreneurship		
B.B.A.	Accounting	Core Math, Qumt 2341, and 3341*
B.A.	Economics	Core Math and one of the following: Math 1342, 1387, Qumt 2341, or Soci 2305*
B.B.A.	Economics	Core Math, Qumt 2341, and 3341*
B.B.A.	Entrepreneurship and Innovation	Core Math, Qumt 2341, and 3341*
B.B.A.	Finance	Core Math, Qumt 2341, and 3341*
B.B.A.	Information Systems	Math 1314, Qumt 2341, 3341, and 4343*
B.B.A.	International Business	Core Math, Qumt 2341, and 3341*
B.B.A.	Management	Core Math, Qumt 2341, and 3341*
B.B.A.	Marketing	Core Math, Qumt 2341, and 3341*
B.B.A.	Materials Management & Logistics	Math 1325, Qumt 2341, and 3341*
College of Education and P-16 Integration		
B.S.	Early Care and Early Childhood Studies	Only Core Math
B.I.S.	Elementary Education - EC-6/EC-12 Certification	Math 1314 or higher, Math 1350, and 1351
College of Engineering and Computer Science		
B.S.	Civil Engineering	Either Math 2413 or 2487, and either 2414 or 2488, 2415, 3341, and Mane 2332
B.S.	Computational Science	Math 2318, either 2413 or 2487, and either 2414 or 2488, and Stat 3301. Computational Physics also requires Math 2415 and 3341. Computational Mathematics also requires Math 2415, 3341, 3350, 3352, 3363, and 6 hours of advanced Math electives. Business Informatics requires Qumt 3343. Computational Engineering Physics also requires Math 3341.

B.S.C.E.	Computer Engineering	Either Math 2413 or 2487, and either 2414 or 2488, 2346, 3341, and Stat 3337
B.A.T.	Computer Information Systems Technology	Either Math 2413 or 2487, and Cosc 3301
B.S.C.S	Computer Science	Either Math 2413 or 2487, and either 2414 or 2488, 2318, and either 4337 or 3331 or Elee 3340
B.S.E.E.	Electrical Engineering	Either Math 2413 or 2487, and either 2414 or 2488, 2415, 2346, 3341, and Elee 3340
B.S.	Engineering Physics	Either Math 2413 or 2487, and either 2414 or 2488, 2415, and 3341. Computer Engineering concentration requires Math 3331.
B.S.	Engineering Technology	Math 1314, 2412, and either 1342 or 1387, and either Math 2413 or 2487
B.S.M.S.F.G.E.	Manufacturing Engineering	Either Math 2413 or 2487, and either 2414 or 2488, 2415, 3341, and Mane 2332
B.S.M.E.	Mechanical Engineering	Either Math 2413 or 2487, and either 2414 or 2488, and Mane 2332
College of Fine Arts		
B.F.A.	Art - Graphic Design	Only Core Math
B.A.	Art - Latin American History	Only Core Math
B.F.A.	Art - Studio Art	Only Core Math
B.A.	Art - Teacher Certification	Only Core Math
B.A.	Art - Visual	Only Core Math
B.A.	Dance - Teacher Certification	Only Core Math
B.A.	Dance	Only Core Math
B.M.	Music - Teacher Certification	Only Core Math
B.M.	Performance	Only Core Math
B.A.	Theater - Teacher Certification	Only Core Math
B.A.	Theater	Only Core Math
College of Health Affairs		
B.S.	Biomedical Sciences	Either Math 1342 or 1387, and either 2413 or 2487, and Stat 3301
B.S.	Clinical Laboratory Science	Either Math 1342 or 1387
B.S.	Communication Sciences and Disorders	Math 1314 and 2334
B.S.	Dietetics	Either Math 1342 or 1387, and either 1343 or 1388
B.S.	Exercise Science	For Physical Therapy concentration, select one of the following: Math 1342, 1343, 1387, 1388, or Psyc 2302. Occupational Therapy concentration requires either Math 1343 or 1388.
B.S.	Health - Teacher Certification	Either Math 1342 or 1387
B.S.	Health	Either Math 1342 or 1387
B.A.T.	Health Services Technology	Only Core Math
B.S.	Kinesiology - Teacher Certification	Math 1314
B.S.	Kinesiology	Math 1314
B.S.N.	Nursing	Either Math 1342 or 1343 or 1388
B.S.	Rehabilitation Services	Only Core Math
B.S.W.	Social Work	Only Core Math and Socw 2375
College of Liberal Arts		
B.A.	Anthropology	Only Core Math
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.A.	Communication Studies	Only Core Math
B.A.	Communication Studies - Teacher Certification	Only Core Math
B.S.C.J.	Criminology and Criminal Justice	Only Core Math
B.S.C.J.	Criminal Justice	Core Math (except Math 1332) and Crij 3305
B.A.	English	Only Core Math
B.A.	English - Teacher Certification	Only Core Math

B.A.	History	Only Core Math
B.A.	History - Teacher Certification	Only Core Math
B.A.	Mass Communication	Only Core Math
B.A.	Mass Communication - Teacher Certification	Only Core Math
B.A.	Mexican American Studies	Only Core Math
B.M.S.	Multidisciplinary Studies	Only Core Math
B.A.	Philosophy	Only Core Math
B.A.	Political Science	Math 1314
B.A.	Psychology	Core Math and Psyc 2302
B.S.	Psychology	Core Math and Psyc 2302
B.A.	Social Studies Composite	Only Core Math
B.A.	Social Studies Composite - Teacher Certification	Only Core Math
B.A.	Sociology	Core Math and Soci 3301
B.A.	Spanish	Only Core Math
B.A.	Spanish - Teacher Certification	Only Core Math
B.A.	Spanish Translation and Interpreting	Only Core Math
College of Science		
B.S.	Biology - Biological Sciences	Select one of the following: Math 1342, 1343, 1387, or 1388
B.S.	Biology - UTeach Certification	Either Math 2413 or 2487
B.S.	Chemistry	Either Math 2413 or 2487, and either 2414 or 2488, and 3341
B.S.	Chemistry - UTeach Certification	Either Math 2413 or 2487, and either 2414 or 2488
B.S.	Environmental Science	Either Math 1342 or 1387, and either 2413 or 2487
B.I.S.	Life Science - UTeach Certification	Either Math 2413 or 2487
B.S.	Marine Biology	Either Math 1343 or 1388
B.S.	Mathematics	Math 2413 and beyond. See degree program for details.
B.S.	Mathematics - UTeach Certification	Math 2413 and beyond. See degree program for details.
B.I.S	Mathematics Middle School - UTeach Certification	Math 1350, 1351, 2412, 2413, and beyond. See degree program for details.
B.S.	Physical Science - UTeach Certification	Either Math 2413 or 2487, and either 2414 or 2488, and either Mate 3317 or Phil 3317, and Math 2415
B.S.	Physics	Either Math 2413 or 2487, and either 2414 or 2488, 2415, and 3341
B.S.	Physics - UTeach Certification	Either Math 2413 or 2487, and either 2414 or 2488, 2415, and 3341

* Prerequisite for Qumt 2341. Choose from the following: Math 1314, 1414, 1324, or 1325.

The University of Texas at Austin
Charles A. Dana Center

University of Texas at San Antonio

University-Wide Core Math Requirement - 3 hours selected from the following: Math 1023, 1033, 1043, 1073, 1093, 1193, 1214, or Sta 1053.

Course Guide	
Math 1023 College Algebra (Math 1314)	Math 3613 Differential Equations I
Math 1033 Algebra with Calculus for Business (Math 1325)	Egr 1324 Calculus II for Engineers
Math 1043 Introduction to Mathematics (Math 1332)	Es 1314 Environmental Statistics
Math 1073 Algebra for Scientists & Engineers (Math 1314)	Ms 1023/3043 Business Statistics I & II with Computer Applications
Math 1093 Precalculus (Math 2312)	Psy 2073 Statistics for Psychology
Math 1153 Essential Elements in Math I (Math 1350)	Sta 1053 Basic Statistics (Math 1342)
Math 1163 Essential Elements in Math II (Math 1351)	Sta 1403 Probability & Statistics for Biosciences (Math 2342)
Math 1193 Calculus for the Biosciences (Math 2313)	Sta 2303 Applied Probability & Statistics for Engineers
Math 1214 Calculus I (Math 2413)	Sta 3003 Applied Statistics
Math 1224 Calculus II (Math 2414)	Sta 3523 Mathematical Statistics
Math 2214 Calculus III (Math 2415)	Sta 4133 Introduction to Programming and Data Management
Math 2233 Linear Algebra (Math 2318)	Sta 4713 Applied Regression Analysis
Math 3103 Data Analysis and Interpretation	Sta 4753 Time-Series Analysis
Math 3123 Fundamentals of Geometry	

Degree	Major	Math Requirements
College of Architecture		
B.S.	Architecture	Select one of the following: Math 1023, 1033, 1073, or 1093
B.S.	Construction Science and Management	Either Math 1033 or 1073, and Sta 1053
B.S.	Interior Design	Select one of the following: Math 1023, 1033, 1073, or 1093
College of Business		
B.B.A.	Accounting	Math 1033, Ms 1023, and 3043
B.B.A.	Actuarial Science	Math 1214, 1224, 2214, Sta 3523, 4133, 4713, and 4753
B.B.A.	Cyber Security	Math 1033, Ms 1023, and 3043
B.A.	Economics	Math 1033 and Sta 1053
B.B.A.	Economics	Math 1033, Ms 1023, and 3043
B.B.A.	Entrepreneurship	Math 1033, Ms 1023, and 3043
B.B.A.	Finance	Math 1033, Ms 1023, and 3043
B.B.A.	General Business	Math 1033, Ms 1023, and 3043
B.B.A.	Human Resource Management	Math 1033, Ms 1023, and 3043
B.B.A.	Information Systems	Math 1033, Ms 1023, and 3043
B.B.A.	Management	Math 1033, Ms 1023, and 3043
B.B.A.	Management Science	Math 1033, Ms 1023, and 3043
B.B.A.	Marketing	Math 1033, Ms 1023, and 3043
B.B.A.	Real Estate Finance and Development	Math 1033, Ms 1023, and 3043
B.B.A.	Sport, Event and Tourism Marketing	Math 1033, Ms 1023, and 3043
B.S.	Statistics	Math 1214, 1224, 2214 and 2233. Sta 3003 and beyond. See course catalog for details.
College of Education and Human Development		
B.S.	Health - Community Health and Preventative Services Specialization	Math 1023 and Sta 1053
B.A.A.S.	Infancy and Childhood Studies	Only Core Math

The University of Texas at Austin
Charles A. Dana Center

B.A.	Interdisciplinary Studies - EC-6 Bilingual Generalist	Math 1023, 1153, and 1163
B.A.	Interdisciplinary Studies - EC-6 ESL Generalist	Core Math (1023 recommended), 1153, and 1163
B.A.	Interdisciplinary Studies - EC-6 Generalist	Math 1023, 1153, and 1163
B.A.	Interdisciplinary Studies - EC-12 Special Education	Math 1023, 1153, and 1163
B.A.	Interdisciplinary Studies - 4-8 Bilingual Generalist	Math 1023, 1093, 1153, 1163, and 1214
B.A.	Interdisciplinary Studies - 4-8 English Language Arts/Reading/Social Studies	Math 1023
B.A.	Interdisciplinary Studies - 4-8 ESL	Math 1023, 1153, and 1163
B.A.	Interdisciplinary Studies - 4-8 Generalist	Math 1023, 1153, and 1163
B.A.	Interdisciplinary Studies - 4-8 Mathematics/Science	Math 1023, 1093, 1214, 3103, and 3123
B.A.	Interdisciplinary Studies - Non-Certification	Math 1023, 1153, and 1163
B.S.	Kinesiology	Only Core Math
B.S.	Kinesiology - Athletic Medicine	Math 1073 and Sta 1053
B.S.	Kinesiology - Exercise Physiology	Either Math 1023 or 1073, and Sta 1053
B.S.	Kinesiology - Kinesiology and Health Science	Math 1073 and Sta 1053
B.S.	Kinesiology - Physical Education	Sta 1053
B.A.	Mexican American Studies	Only Core Math
B.A.	Multicultural Early Childhood Development	Math 1043
B.S.	Nutrition and Dietetics	Math 1073 and Sta 1053
B.S.	Public Health - Health Promotion and Behavioral Science	Sta 1053
B.A.	Women's Studies	Only Core Math
College of Engineering		
B.S.	Biomedical Engineering	Math 1214, either 1224 or Egr 1324, and either Sta 1403 or 2303
B.S.	Chemical Engineering	Math 1214, either 1224 or Egr 1324, and Sta 2303
B.S.	Civil Engineering	Math 1214, either 1224 or Egr 1324, and Sta 2303
B.S.	Computer Engineering	Math 1214 and either 1224 or Egr 1324
B.S.	Electrical Engineering	Math 1214 and either 1224 or Egr 1324
B.S.	Mechanical Engineering	Math 1214 and either 1224 or Egr 1324
College of Liberal and Fine Arts		
B.A.	American Studies	Only Core Math
B.A.	Anthropology	Only Core Math
B.A./B.F.A.	Art	Only Core Math
B.A.	Art History and Criticism	Only Core Math
B.A.	Classical Studies and Humanities	Only Core Math
B.A.	Communication	Only Core Math
B.A.	English	Only Core Math
B.A.	Geography and Environmental Sustainability	Only Core Math
B.A.	Global Affairs	Only Core Math
B.A.	History	Only Core Math
B.A.	Medical Humanities	Math 1073 and Sta 1053
B.A.	Modern Language Studies	Only Core Math

B.M./B.A.	Music	Only Core Math
B.A.	Philosophy	Only Core Math
B.A.	Political Science	Only Core Math
B.A.	Politics and Law	Only Core Math
B.A.	Psychology	Psy 2073 and one of the following: Math 1023, 1033, 1073, or Sta 1053
B.S.	Public Health - Epidemiology and Disease Control	Sta 1053
B.A.	Sociology	Only Core Math
B.A.	Spanish	Only Core Math
College of Public Policy		
B.A.	Criminal Justice	Only Core Math
B.P.A.	Public Administration	Only Core Math
College of Sciences		
B.S.	Biochemistry	Math 1214 and 1224
B.S.	Biology	Math 1193 and Sta 1403. Students in the Teaching concentration can substitute Sta 1053 for Math 1193 and 1403.
B.S./B.A.	Chemistry	Math 1214 and 1224. B.S. also requires Sta 1053.
B.S.	Computer Science	Math 1214 and 1224
B.S.	Environmental Science	Math 1193 and Es 1314
B.S./B.A.	Geology	Math 1214. B.S. also requires Math 1224.
B.S.	Mathematics	Math 1214 and beyond. See course catalog for details.
B.S.	Microbiology and Immunology	Math 1193 and Sta 1403
B.S.	Multidisciplinary Science	Either Math 1093 or Sta 1053. Prerequisites for Physics for Sciences are Calculus I and II.
B.S./B.A.	Physics	Math 1214, 1224, and 2214. B.S. also requires Math 2233 and 3613.
University College		
B.A.	Multidisciplinary Studies	Only Core Math

	University of Texas at Tyler	University-Wide Core Math Requirement - 3 hours selected from the following: Math 1316, 1324, 1325, 1332, 1333, 1342, 1343, 1350, 2312, 2413, 2414, or Hnrs 2413 or 2414.	
		Course Guide	
		Math 1314 College Algebra	Math 2413 Calculus I
		Math 1316 Trigonometry	Math 2414 Calculus II
		Math 1324 Mathematics for Business and Economics I	Math 3203 Matrix Methods in Science and Engineering
		Math 1325 Mathematics for Business and Economics II	Math 3305 Ordinary Differential Equations
		Math 1332 Math for Liberal Arts Majors I	Math 3315 Linear Algebra and Matrix Theory
		Math 1333 Math for Liberal Arts Majors II	Math 3351 Probability and Statistics for Engineers and Scientists
		Math 1342 Statistics I	Math 3404 Multivariate Calculus
		Math 1343 Statistics II	Chem 3310/3111 Analytical Chemistry
		Math 1350 Concepts of Modern Math I	Hnrs 2413 Calculus I Honors
		Math 1351 Concepts of Modern Math II	Hnrs 2414 Calculus II Honors
		Math 2330 Discrete Structures	Psyc 2354 Statistics and Laboratory
		Math 2312 Precalculus	

Degree	Major	Math Requirements	
College of Arts and Sciences			
B.F.A./B.A.	Art	Only Core Math	
B.A.	Art History	Only Core Math	
B.S.	Biology	Math 2413 and either 1342 or Chem 3310/3111. Teacher Certification also requires Math 2414.	
B.S.	Chemistry	Math 2413, 2414, 3203, and 3404	
B.S.	Chemistry - Biochemistry	Math 2413, 2414, and 3404	
B.S.	Chemistry - Teacher Certification	Math 2413	
B.S.	Communication Sciences and Disorders	Only Core Math	
B.S.	Criminal Justice	Only Core Math	
B.S./B.A.	Economics	Either Math 1314 or 1324, Math 1342, and 1325	
B.A.	English	Only Core Math	
B.A./B.S.	History	Only Core Math	
B.S.	Life Science or Science Teacher Certification	Math 2413, 2414, and either Math 1342 or Chem 3310/3111	
B.A./B.S.	Mass Communication	Only Core Math. B.S. requires 6 hours of mathematics, science, economics, geography, and/or computer sciences in addition to the Core.	
B.S.	Mathematics	Math 2413 and beyond. See course catalog for details.	
B.A./B.M	Music	Only Core Math	
B.A./B.S.	Political Science	Only Core Math	
B.S./B.A.	Social Sciences	Only Core Math	
B.A.	Spanish	Only Core Math	
B.A./B.S.	Speech Communication	Only Core Math. B.S. requires 6 hours of mathematics, science, economics, geography, and/or computer sciences in addition to the Core.	
College of Business and Technology			
B.B.A.	Accounting	Math 1342, and either 1332 or 1343	
B.S.	Computer Science	Math 2413, 2414, 2330, 3203, and 3351	
B.S.	Computer Information Systems	Math 1342 and 1343	
B.B.A.	Finance	Math 1342, and either 1332 or 1343	
B.S.	General Business	Math 1314 and 1342	

B.S.	Human Resource Development	Math 1342
B.S.	Industrial Technology	Math 1342
B.S.	Information Technology	Only Core Math
B.S.	Information Technology - Architecture	Math 2413
B.S.	Information Technology - Cybersecurity	Only Core Math
B.S.	Information Technology - Data Analytics	Math 1342 and 1343
B.S.	Information Technology - Data Management	Math 2413
B.S.	Information Technology - Programming	Math 2413 and 2330
B.B.A.	Management	Math 1342, and either 1332 or 1343
B.B.A.	Marketing	Math 1342, and either 1332 or 1343
College of Education and Psychology		
B.S.I.S.	Interdisciplinary Studies - EC-6/Special Education/ESL	Math 1314, 1350, and 1351
B.S.I.S.	Interdisciplinary Studies - 4-8 Math	Math 1314 and beyond. See course catalog for details.
B.S.I.S.	Interdisciplinary Studies - 4-8 Science	Math 1314, 1342, 1350, and 1351
B.A./B.S.	Psychology	Core Math and Psyc 2354
College of Engineering and Computer Science		
B.S.	Civil Engineering	Math 2413, 2414, 3404, 3305, and 3351
B.S.	Construction Management	Math 1324, 1342, and 2312
B.S.	Electrical Engineering	Math 2413, 2414, 3404, 3305, either 3203 or 3315, and 3351
B.S.	Mechanical Engineering	Math 2413, 2414, either 3203 or 3315, 3305, 3351, and 3404
College of Nursing and Health Sciences		
B.S.	Health Studies	Only Core Math
B.S.	Kinesiology	Only Core Math
B.A.	Health and Kinesiology	Only Core Math
B.S.N.	Nursing	Math 1342
B.A.	Wellness	Only Core Math
University College		
B.A.A.S.	Applied Arts and Sciences	Only Core Math

The University of Texas at Austin
Charles A. Dana Center

		University-Wide Core Math Requirement - 3 hours selected from the following: Math 1314, 1316, 1324, 1325, 1332, 1350, 2412, 2413, or higher.	
		Course Guide	
		Math 1314 College Algebra	Math 3340 Calculus III (Math 2315)
		Math 1316 Plane Trigonometry	Math 3342 Differential Equations I (Math 2320)
		Math 1324 Math for Business and Economics I	Math 3360 Statistical Methods
West Texas A&M University		Math 1325 Math for Business and Economics II	Math 4361 Statistics for the Sciences
		Math 1332 Mathematics for Liberal Arts	Agri 3318 Agricultural Statistics
		Math 1348 Precalculus	Biol 4416 Introductory Biometry
		Math 1350 Fundamentals of Math I	Cidm 2342 Statistics for Business and Economics
		Math 1351 Fundamentals of Math II	Crij 3362 Statistics for the Social Sciences**
		Math 2321 Discrete Structures I	Nurs 3304 Elementary Biostatistics in Health Care Research**
		Math 2322 Discrete Structures II	Posc 3362 Statistics for the Social Sciences**
		Math 2412 Precalculus Math	Psyc 3310 Introduction to Statistics
		Math 2413 Calculus I	Soci 3362 Statistics for the Social Sciences**
		Math 2414 Calculus II	Socw 3362 Statistics for the Social Sciences**

Degree	Major	Math Requirements
College of Agriculture and Natural Sciences		
B.S.	Agribusiness	Either Math 1314 or 1324, and Agri 3318
B.S.	Agribusiness - Equine Industry and Business	Either Math 1314 or 1324, and Agri 3318. Math 1324 recommended.
B.S.	Agriculture	Either Math 1314 or 1324, and Agri 3318
B.S.	Agricultural Business and Economics	Either Math 1314 or 1324, and Agri 3318
B.S.	Agricultural Media and Communication	Either Math 1314 or 1324, and Agri 3318
B.S.	Agriculture Science and Technology - 6-12 Teacher Certification	Either Math 1314 or 1324, and Agri 3318
B.S.	Animal Science	Math 1314 and Agri 3318
B.A./B.S.	Biology	Either Math 1314 or 1316 or 2412*
B.S.	Biotechnology	Math 2413, and either Agri 3318 or Biol 4416
B.A./B.S.	Chemistry - Professional Chemistry	Math 2413, 2414, 3340, and select one of the following: 1314, 1316, 1324, or 2412*
B.A./B.S.	Chemistry - General Chemistry	Math 2413, 2414, and either 1316 or 2412
B.A./B.S.	Chemistry - Biochemistry	Math 2413 and either 1316 or 2412
B.S.	Computer Science - Enterprise Systems	Math 2321, 2322, 2413, 2414, and 6 hours of upper level mathematics
B.S.	Computer Science - Mechanical Engineering	Math 2321, 2322, 2413, 2414, 3340, and 3342
B.S.	Computer Science - Software Engineering	Math 2321, 2322, 2413, 2414, and 6 hours of upper level mathematics
B.S.	Civil Engineering	Math 2413, 2414, 3340, 3342, and 3 hours of upper level mathematics or physics electives
B.S.	Engineering Technology - Renewable Energy	Either Math 1316, 1325, or 2412, and 2413. 3 hours of Math elective required if Math 1316 is taken for Core.
B.S.	Engineering Technology - Distribution	Either Math 1316,1325, or 2412
B.S.	Environmental Engineering	Math 2413, 2414, 3340, 3342, and 4361
B.S.	Environmental Science	Either Math 1316 or 2412, and Biol 4416. Math 2413 is strongly recommended as an additional elective.
B.A./B.S.	Geology	Either Math 1316 or 2412, either 2413 or 3360
B.S.	Life Science - 7-12 Teacher Certification	Either Math 1314 or 1324, and either 1316 or 2412
B.A./B.S.	Mathematics	Math 2413 and beyond. See course catalog for details.
B.S.	Mathematics - 7-12 Teacher Certification	Math 2413 and beyond. See course catalog for details.

B.S.	Mechanical Engineering	Math 2413, 2414, 3340, 3342, and 6 hours of upper level mathematics or physics electives
B.S.	Plant, Soil, and Environmental Science	Agri 3318 and select one of the following: Math 1314, 1324, 2412, or 2413
B.S.	Physical Science - 6-12 Teacher Certification	Math 2413, 2414, and select one of the following: Math 1314, 1316, 1324, or 2412*
B.A./B.S.	Physics	Either Math 1316 or 2412, 2413, 2414, 3340, and 3342. Math 3311 and 3321 are recommended.
B.S.	Pre-Veterinary Medicine	Math 1314 and Agri 3318
B.S.	Science - 7-12 Teacher Certification	Math 1314, and either 1316 or 2412
B.A./B.S.	Wildlife Biology	Either Math 1316 or 2412, and Biol 4416
Sybil B. Harrington College of Fine Arts and Humanities		
B.A.A.S.	Applied Arts and Sciences	Only Core Math
B.A./B.S.	Art	Only Core Math
B.A./B.S.	Broadcast - Journalism	Only Core Math
B.A./B.S.	Broadcast - Electronic Media	Only Core Math
B.A./B.S.	Communication Studies	Only Core Math
B.F.A.	Dance	Only Core Math
B.A.	English	Only Core Math
B.A.	English, Language Arts & Reading - 7-12 Teacher Certification	Only Core Math
B.G.S.	General Studies	Only Core Math
B.F.A.	Graphic Design	Only Core Math
B.A./B.S.	History	Only Core Math
B.A./B.S.	History - 7-12 Teacher Certification	Only Core Math
B.S.	Journalism - 7-12 Teacher Certification	Only Core Math
B.M.	Music	Only Core Math
B.M.	Music - EC-12 Certification	Only Core Math
B.M.	Music - Composition	Only Core Math
B.M.	Music - Performance	Only Core Math
B.M.	Music - Music Industry	Only Core Math
B.M.	Music - Music Therapy	Only Core Math
B.A.	Musical Theatre	Only Core Math
B.A./B.S.	Public Relations, Advertising, and Applied Communication	Only Core Math
B.A.	Spanish	Only Core Math
B.A.	Spanish - 7-12 Teacher Certification	Only Core Math
B.A./B.S.	Speech - 7-12 Teacher Certification	Only Core Math
B.F.A.	Studio Art	Only Core Math
B.A./B.S.	Theatre	Only Core Math
College of Business		
B.B.A.	Accounting and Finance	Math 1324, either 1325 or 2413, and Cidm 2342
B.B.A.	Accounting	Math 1324, either 1325 or 2413, and Cidm 2342
B.B.A.	Computer Information Systems	Math 1324, either 1325 or 2413, and Cidm 2342
B.A./B.S.	Economics	Math 1324, either 1325 or 2413, and Cidm 2342
B.B.A.	Economics	Math 1324, either 1325 or 2413, and Cidm 2342
B.B.A.	Economics and Finance	Math 1324, either 1325 or 2413, and Cidm 2342
B.B.A.	Finance	Math 1324, either 1325 or 2413, and Cidm 2342

102 The University of Texas at Austin
Charles A. Dana Center

B.B.A.	General Business	Math 1324, either 1325 or 2413, and Cidm 2342
B.B.A.	Management	Math 1324, either 1325 or 2413, and Cidm 2342
B.B.A.	Marketing	Math 1324, either 1325 or 2413, and Cidm 2342
College of Education and Social Sciences		
B.B.A.	Business Education - 6-12 Teacher Certification	Core Math and 1325
B.S.	Computer Science - 8-12 Teacher Certification	Math 2321, 2322, 2412, 2413, 2414, and one of the following: 1314, 1316, 1324, or 1325
B.A./B.S.	Criminal Justice	Core Math and Crij 3362**
B.A.A.S.	Emergency Management Administration	Core Math and any 3000 or 4000 level statistics course (Posc 3362 preferred)
B.S.	Interdisciplinary Studies - EC-6 Generalist (ESL/Bilingual)	Core Math, 1350, 1351, and 3305
B.S.	Interdisciplinary Studies - EC-12 Special Education	Core Math, 1350, and 1351
B.S.	Interdisciplinary Studies - 4-8 English Language Arts	Core Math, 1350, and 1351
B.S.	Interdisciplinary Studies - 4-8 English Language Arts/Social Studies	Core Math, 1350, and 1351
B.S.	Interdisciplinary Studies - 4-8 Generalist	Either Math 1316 or 2412, 1350, 1351, and 3331
B.S.	Interdisciplinary Studies - 4-8 Mathematics	Math 2413, 3331, 4390, and either 1316 or 2412, and either 3305 or 3306, and 9 hours of upper level math or science
B.S.	Interdisciplinary Studies - 4-8 Mathematics/Science	Math 1350, 1351, 2413, 3331, and either 1316 or 2412, and either 3305 or 3306
B.S.	Interdisciplinary Studies - 4-8 Science	Core Math, 1350, 1351, and 3 hours of upper level math or science
B.S.	Interdisciplinary Studies - 4-8 Social Studies	Core Math, 1350, and 1351
B.A./B.S.	Political Science	Core Math and Posc 3362
B.A./B.S.	Pre-Law Studies	Only Core Math. Degree is being phased out by 2018.
B.A./B.S.	Psychology	Core Math and Psyc 3310
B.A./B.S.	Public Administration	Core Math and Posc 3362**
B.A./B.S.	Social Sciences	Only Core Math
B.A./B.S.	Social Studies - 7-12 Teacher Certification	Only Core Math
B.A./B.S.	Social Work	Core Math and Socw 3362**
B.A./B.S.	Sociology	Core Math and Soci 3362**
College of Nursing and Health Sciences		
B.S.	Athletic Training	Only Core Math
B.S.	Communication Disorders	Core Math and either Math 3360 or Nurs 3304**
B.S.	Health Sciences	Core Math and Nurs 3304**
B.S.	Nursing	Core Math and Nurs 3304**
B.A./B.S.	Physical Education - EC-12 Teacher Certification	Only Core Math
B.A./B.S.	Sports and Exercise Sciences	Either Math 1314 or 2412 or 2413. B.S. also requires Psyc 3310.

* If Math 1314 is taken to satisfy Core, must take Math 1316 or 2412 in addition.

** Out of department statistics requires a prerequisite of either Math 1314, 1332, or 1324.

The University of Texas at Austin
Charles A. Dana Center