MATHEMATICS (MATH)

MATH 1213. Intermediate Algebra. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1443. Math-Business & Social Science. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1471. Math for Critical Thkng Coreq. 1 Credit Hour.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1473. Mathematics For Critical Thinking. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1501. College Algebra Corequisite. 1 Credit Hour.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1503. College Algebra. 3 Credit Hours.
Prerequisite: 0123 at OU, or satisfactory score on the placement test, or, for incoming freshmen direct from high school, satisfactory score on the ACT/SAT. Review of basic algebraic skills such as multiplying and factoring polynomials, rational expressions, linear equations and inequalities, exponents and radicals, absolute values. Other topics include the concept, notation, and algebra of functions, functions of linear, polynomial, rational, exponential, and logarithmic type, systems of equations. A student may not receive credit for this course and 1643. (F, Sp, Su) [I-M]
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1523. Elementary Functions. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1612. Trigonometry. 2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1641. Functions and Modeling Coreq. 1 Credit Hour.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1643. Precalculus For Business, Life, And Social Sciences. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1743. Calculus I For Business, Life And Social Sciences. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1812. Analytic Geometry. 2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1823. Calculus And Analytic Geometry I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 1914. Diff & Integral Calculus I. 4 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2123. Calculus Ii For Business, Life And Social Sciences. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2213. Mathematical Systems. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2223. Data Analysis & Geometric Sys. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2423. Calculus And Analytic Geometry Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2433. Calculus And Analytic Geometry Iii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2434. Calculus III. 4 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2443. Calculus And Analytic Geometry Iv. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2513. Discrete Mathematical Structures. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2924. Diff & Integral Calculus II. 4 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2934. Diff & Integral Calculus III. 4 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 2970. Special Topics/Seminar. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3113. Introduction To Ordinary Differential Equations. 3 Credit Hours.
Prerequisite: MATH 2423 or MATH 2924. Can be used for Graduate Credit Undergraduate and Graduate Level Duplicates two hours of 3413. First order ordinary differential equations, linear differential equations with constant coefficients, two-by-two linear systems, Laplace transformations, phase planes and stability. (F, Sp, Su) 3.000 Credit hours
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3114. Engineering Math I. 4 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3123. Engineering Math. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3133. Norman Course. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3213. Data Analysis And Geometric Systems. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3333. Linear Algebra I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3343. Linear Algebra Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3401. Numerical Methods with Matlab. 1 Credit Hour.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3413. Physical Mathematics I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3423. Physical Mathematics Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3440. Mentored Research Experience. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3513. Foundations Of Analysis. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3613. Modern Geometry. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3703. Elementary Statistics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3960. Honors Reading. 1-3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3970. Honors Seminar. 1-3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3980. Honors Research. 1-3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 3990. Independent Study. 1-3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4033. Applied Matrix Models. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4073. Numerical Analysis I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4083. Numerical Analysis Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4093. Applied Numerical Methods. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4103. Introduction To Functions Of A Complex Variable. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4113. Topics In Applied Mathematics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4123. Fourier Transforms. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4163. Introduction To Partial Differential Equations. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4193. Introductory Mathematical Modeling. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4232. Specialized Topics And Methods--A Teacher's Course. 2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4313. Introduction to Number Theory. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4323. Introduction To Abstract Algebra I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4333. Introduction To Abstract Algebra Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4373. Abstract Linear Algebra. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4383. Applied Modern Algebra. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4413. Intermediate Ordinary Differential Equations. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4433. Introduction To Analysis I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4443. Introduction To Analysis Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4453. Introduction to Analysis. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4513. Senior Mathematics Seminar. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4623. Convexity Theory I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4643. Topics In Geometry And Combinatorics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4653. Introduction To Differential Geometry I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4663. Introduction To Differential Geometry Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4673. Graph Theory I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4723. Introduction to Math Statistics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4733. Mathematical Theory Of Probability. 3 Credit Hours.
Prerequisite: 2443 or concurrent enrollment. Probability spaces, counting techniques, random variables, moments, special distributions, limit theorems.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4743. Introduction To Mathematical Statistics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4753. Applied Statistical Methods. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4773. Applied Regression Analysis. 3 Credit Hours.
Crosslisted: MATH 5773. Prerequisite: MATH 3333, 4733, or 4753 or any statistical probability course at an equivalent level. The general regression problem of fitting an equation involving a single dependent variable and several independent variables, estimation and tests of regression parameters, residual analysis, selecting the "best" regression equation. No student may earn credit for both 4773 and 5773.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4783. Applied Regression. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4793. Advanced Applied Statistics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4803. Topics In Mathematics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4853. Introduction To Topology. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4960. Directed Readings. 4 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4970. Special Topics/Seminar. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4990. Independent Study. 1-3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 4991. Mathematics Capstone Course. 1 Credit Hour.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5093. Applied Numerical Methods. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5103. Mathematical Models. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5113. Topics In Applied Mathematics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5123. Fourier Transforms. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5163. Partial Differential Equations. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5173. Advanced Numerical Analysis I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5183. Advanced Numerical Analysis Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5253. Intro-Math Pedagogy Research. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5263. Issues/Problems-Math Pedagogy. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5303. Topics in Group Theory. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5333. Topics In Number Theory. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5353. Abstract Algebra I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5363. Abstract Algebra Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5373. Abstract Linear Algebra. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5383. Applied Modern Algebra. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5403. Calculus Of Variations. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5423. Complex Analysis I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5433. Complex Analysis Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5443. Introduction To Analysis Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5453. Real Analysis I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5463. Real Analysis Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5483. Wavelets. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5623. Convexity Theory I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5633. Convexity Theory Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5653. Introduction To Differential Geometry I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5663. Introduction To Differential Geometry Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5673. Graph Theory I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5683. Graph Theory Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5693. Topics In Geometry And Combinatorics I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5723. Introduction to Math Statistics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5743. Introduction To Mathematical Statistics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5763. Introduction To Stochastic Processes. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5773. Applied Regression Analysis. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5793. Advanced Applied Statistics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5803. Topics In Mathematics. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5853. Topology I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5863. Topology Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5900. Graduate Mathematics Readings. 1-3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5910. Seminar--Analysis. 1-2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5920. Seminar--Algebra And Theory Of Numbers. 1-2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5930. Seminar--Geometry And Topology. 1-2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5940. Seminar--Applied Mathematics And Statistics. 1-2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5950. Seminar-Undergraduate Mathematics Curriculum & Pedagogy. 1-2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5960. Directed Readings. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5970. Special Topics/Seminar. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5980. Research For Master's Thesis. 2-9 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 5990. Special Problems In Mathematics. 1-2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6333. Lie Theory I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6343. Lie Theory II. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6373. Commutative Algebra I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6383. Algebraic Geometry. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6393. Topics in Algebra. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6443. Topics In Differential Equations. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6473. Functional Analysis I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6483. Functional Analysis Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6493. Topics In Analysis. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6673. Differential Geometry I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6683. Differential Geometry Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6693. Topics In Geometry And Combinatorics Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6813. Algebraic Topology I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6823. Algebraic Topology Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6833. Topics In Topology I. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6843. Topics In Topology Ii. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6900. Advanced Topics In Mathematics. 1-4 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6910. Seminar--Analysis. 1-2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6920. Seminar--Algebra. 1-2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6930. Seminar--Geometry And Topology. 1-2 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6960. Directed Readings. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6970. Special Topics/Seminar. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6980. Research For Doctor's Dissertation. 2-16 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).

MATH 6990. Independent Study. 3 Credit Hours.
Course Type: Lecture
This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://ou-public.courseleaf.com/courses/).