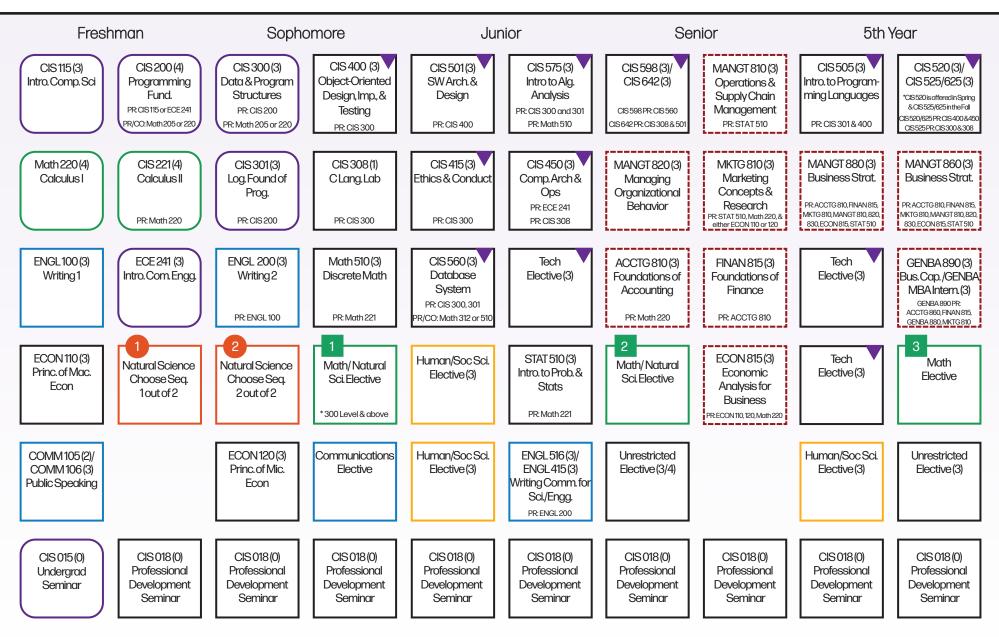
Computer Science + Masters in Business Administration (147 Hours)



This course is part of the Pre-Professional Program '018 required every sem

Student ID:

Rules for Mathematics, Science, and Electives

Math/Science Electives			MBA Tech Electives	
 All remaining hours, choose from the following: BIOCH 625 Intro. Organic & Biochemistry (5). BIOCH 521 General Biochemistry (3). BIOCH 521 General Biochemistry (3). BIOL 198 Principles of Biology (4). BIOL 201 Organismic Biology (5). BIOL 450 Modern Genetics (4). BIOL 455 General Microbiology (4). CHM 210 Chemistry I (4). CHM 230 Chemistry II (4). CHM 350 General Organic Chemistry I (3). CHM 371 Chemical Analysis (4). CHM 371 Chemical Analysis (4). CHM 350 Organic Chemistry II (3). CHM 550 Organic Chemistry II (3). CHM 550 Organic Chemistry II (3). CHM 360 Geology Laboratory (1). CHO 500 Mineralogy (3). Tot 11 Intro. Probability and Stat. II (3). Math 222 Analytic Geometry and Calc. III (4). MATH 340 Elementary Differential Equs (4). MATH 506 Intro. to Number Theory (3). MATH 511 Intro. to Algebraic Systems (3). MATH 512 Intro. to Modern Algebra (3). 	MATH 222 Analytic Geo. and Calculus III (4) MATH 340 Elementary Diff. Equations (4) MATH 506 Introduction to Nmbr Theory (3) MATH 511 Introduction to Algebraic Sys. (3) MATH 511 Introduction to Linear Alg. (3) MATH 515 Introduction to Linear Alg. (3) MATH 515 Introduction so f Geometry (3) MATH 572 Foundations of Geometry (3) MATH 633 Advanced Calculus I (3) PHYS 113 General Physics (4) PHYS 113 General Physics II (4) PHYS 214 Engineering Physics II (5) PHYS 223 Physics I, Mech., & Thermodynamics (5) PHYS 325 Physics II, Electromag. & Sound (5) PHYS 325 Physics III, Relativity, and Quant. Phys. (4) MATH 515 Introduction to Linear Algebra (3) MATH 551 Applied Matrix Theory (3) MATH 572 Foundations of Geometry (3) MATH 572 Foundations of Geometry (3) MATH 633 Advanced Calculus I (3) STAT 511 Introductory Probability and Stat. II (3)		Students are required to complete 15 hours of Tech Electives Required Tech Elective: 3 hours CIS 520 Operating Systems I (spring course only) or CIS 625 Parallel Programming (fall course only) Capstone Experience: 9hrs Students get the choice between two different pathways for capstone. They need 9 hours total. Individual Project Path: OR Dual Group Project Path: CIS 598 Computer Science Project (3) CIS 642 Software Engineering Project I- (3) (F only) Additional Tech Elective (3) CIS 643 Software Engineering Project I- (3) (S only) Additional Tech Elective (3) Additional Tech Elective (3) Three courses taken for graduate credit from the following list: CIS 731 Programming Techniques for Data Science and Analytics CIS 732 Machine Learning and Pattern Recognition MIS 6670 Social Media Analytics and Data Mining MKTG 880 Applied marketing Analytics MKTG 881 Advanced Marketing Analytics Other data analytics courses, including special topics courses, approved by both the Department of Computer Science and the College of Business Administration.	
Natural Science Sequence Communication		Elective Choices	Humanities/Social Science Electives	
One of the following two-semester sequences must be included: BIOL 198 and 401 (9 Hours) CHM 210 and 230 (8 hours) PHYS 213 and 214 (10 Hours) PHYS 223 and 224 (10 Hours)		Options: COMM 322 Interpersonal Communications (9) COMM 326 Small Group Discussion Methods (3) MANGT 420 Principles of Management (3) THTRE 261 Fundamentals of Acting (3) THTRE 265 Fundamentals of Improvisation (3)		Suggestions: ARCH 301 Appreciation of Architecture (3) COMM 323 Nonverbal Communication (3) ENGL 270 American Literature (3) GWSS 350 Gender in American Film (3) GWSS 550 Women and Popular Culture (3) MUSIC 170 History of Rock and Roll (3) engg.ksu.edu/docs/student-services/hss.pdf