CSUF Applied Mathematics Concentration

Course Number Semester Course Name (Units)

• 180 F Problem Solving (4)
• 107† F/S Comp. Lin. Algebra (4)
• 150A F/S/Su Calculus I (4)
• 106* F/S Int. Calc & Diff. Eqns. (4)
• 250A F/S/Su Calculus III (4)
• 280 F/S/Su Strategies of Proof (4)
• 380 F/S History of Mathematics (3)
• 207† F/S Diff. Eqns. & Lin. Alg. (4)
• 350 F/S/Su Advanced Calculus I (4)
• 310 S Ord. Diff. Equations (4)
• 307 F/S Linear Algebra (4)
• 340 F/S Numerical Analysis (4)
• 370 F Math. Model Building (4)
• 320 F/S Intro. Math. Computation (3)
• 338 F/S/Su Statistics Applied to Nat. Sciences (4)
• 335 F/S/Su Mathematical Probability (4)
• 437 S Modern Data Analysis (4)
• 406 S Partial Diff. Equations (4)
• 440 F Num. Sols. of PDE's (4)
• 470 S Adv. Model Building (4)

A = A is a prerequisite for B
B = Required of all math majors
C = Required for concentration
D = Choose 3 of 4
E = Or 306 or (207 + 6 units 300-400-level MATH, not including 303A/B, 320, 338, 380, 403A/B)
* = 106 (formerly 210) replaceable by 150B
† = 107+207 replaceable by 250B+320

Fall 2022–Present
Updated: August 17, 2022