

Statistics Minor

(Not open to majors in Mathematics)

Minimum requirement for statistics minor is **26 s.h.** of credit as follows:

1. Core.....23 s.h.

CSCI 5774. Programming for Research (3) (P: General course in statistics or consent of instructor)

MATH 2171. Calculus I (4) (F,S,SS) (FC:MA) (P: MATH 1083 or 1085 or 2122 with minimum grade of C)

MATH 2172. Calculus II (4) (F,S,SS) (FC:MA) (P: MATH 2122 with a minimum grade of C or MATH 2171)

MATH 3256. Linear Algebra (3) (F,S,SS) (P: MATH 2172)

MATH 3307. Mathematical Statistics I (3) (F,S) (P: MATH 2172)

MATH 3308. Mathematical Statistics II (3) (F) (P: MATH 3307)

MATH 5031. Applied Statistical Analysis (3) (WI) (P: MATH 2228 or 3308; 3584; or equivalent)

2. Electives (Choose from the following.)..... 3 s.h.

ECON 3343. Econometrics (3) (WI) (F,S) (FC:SO) (P: MIS 2223 or CSCI 2600; ECON 2133; MATH 2283)

ECON 4430. Business Cycles and Forecasting (3) (FC:SO) (P: ECON 3244, 3343; or consent of instructor)

MATH 4201. Introduction to Stochastic Processes (3) (S) (P: MATH 3307 or equivalent or consent of instructor)

MATH 5000. Introduction to Sampling Design (3) (P: MATH 3308 or 3229 or consent of instructor)

MATH 5132. Probabilistic Methods in Operations Research (3) (P: MATH 2173, 3256, 3307; or 5801)

MATH 5801. Probability Theory (3) (P: MATH 2173 or 3307)

OMGT 4493. Quality Management (3) (F) (P: OMT 3123)