The MINOR PROGRAM in MCS is intended to provide an experience of the four core areas: Mathematics, Computer Science, Management Science & Engineering and Statistics.

Five (5) basic courses are required; in addition, three (3) additional courses must be selected from two (2) different departments from the list given below.

**Mathematics**
- Math 51 - Linear Equations and Differential Calculus (5 units)
- Math 104 - Applied Matrix Theory (3 units)

**Computer Science**
- CS 106A - Programming Methodology (5 units)
- CS 106B or 106X - Programming Abstractions (5 units)

**Management Science & Engineering**
- MS&E 211 – Linear and Non-Linear Optimizations (4 units)
- MS&E 221 – Stochastic Modeling (3 units)

**Statistics**
- Stats 116 – Theory of Probability (5 units)
- Stats 191 – Intro to Applied Statistics (3 units)
- Stats 200 – Intro to Statistical Inference (3 units)

Circle your chosen electives

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