

Network Modeling and Simulation Major – B.S. 63/64 credits]**Suggested Plan of Study
Computer Networking and Applications Program, Department of Statistics****Program Advisors:**Sr. Del Mary Rysavy 320.308.4929 (srysavv@stcloudstate.edu)Amos Olagunju 320.308.5696 (aolagunju@stcloudstate.edu)Tirthankar Ghosh 320.308.2213 (tghosh@stcloudstate.edu)Ezzat Kirmani 320.308.3071 (ekirmani@stcloudstate.edu)

First Semester	Second Semester
MATH 112 or MATH 211 (3 credits) ¹ CNA 169 (3 credits) Core General Ed (3-4 credits) General Ed from Distribution Area A or C (3 credits) General Ed from Distribution Area A or C (3 credits) Total semester credits: 15-16	STAT 229 (3 credits) ² CNA 201 (3 credits) CNA 267 (4 credits) MATH 211 (if not taken yet) (3 credits) Core General Ed (3-4 credits) General Ed from Distribution Area A or C (3 credits) Total semester credits: 19-20
Third Semester	Fourth Semester
CSCI 201 (4 credits) CNA 397 (4 credits) Core General Ed (3-4 credits) General Ed from Distribution Area A or C (3 credits) Total semester credits: 14-15	CNA 425 (3 credits) STAT 417 (3 credits) Major elective (3 credits) Core General Ed (3-4 credits) General Ed from Distribution Area A or C (3 credits) Total semester credits: 15-16
Fifth Semester	Sixth Semester
CNA 426 (3 credits) ENGL 332 (4 credits) Core General Ed (3-4 credits) General Ed from Distribution Area A or C (3 credits) Total semester credits: 13-14	CNA 474 (3 credits) CNA 430 (3 credits) Major elective (3 credits) Core General Ed (3 or 4 credits) General Ed from Distribution Area A, B or C (3 credits) Total semester credits: 15-16
Seventh Semester	Eighth Semester
CNA 436 (3 credits) CNA 450 (3 credits) CNA 485 (3 credits) Core General Ed (3-4 credits) General Ed from Distribution Area A, B or C (3 credits) Total semester credits: 15-16	CNA 437 (3 credits) CNA 451 (3 credits) Major elective (3 credits) Core General Ed (3-4 credits) General Ed from Distribution Area A or C (3 credits) Total semester credits: 15-16

1 Take the math placement exam to determine the appropriate class.

2 STAT 219, 319, 353, BCIS 242 will substitute for STAT 229.

Notes:

- You will need 1 lab class from Area B.
- Make sure you have 3 diversity classes – 1 diversity class needs to be an approved racial issues course.
- MATH 211 will substitute for the mathematical/logical reasoning core course.
- CNA 169 may be waived because you are taking 6 credits in CNA