COMPUTER SCIENCE (124 hours)

Effective Fall 2017

FRESHMAN

- CIS 115 (3) - Intro to Comp Sci
- CIS 200 (4) - Programming Fundamentals
  - PR: MATH 220 or 223
- CIS 300 (3) - Data & Pgm Structures
  - PR: CIS 200
- CIS 261 (3) - Log Found of Prgm
  - PR: CIS 200
- MATH 221 (4) - Anal Geo & Calc II
  - PR: MATH 220
- ENGL 100 (3) - Expos Writing 1
- ECE 241 (3) - Intro to Comp Engg
- CIS 306 (3) - Intro to Microcomm
  - PR: ENGL 100
- ECON 110 (3) - Prin of Macro Econ
- STAT 350 (3) - Intro to Prob & Stat
  - PR: MATH 221

1 of 5 (3) - Hum/Soc Sci Elect
1 of 4 (4) - Nat Sci Elective
2 of 4 (3) - Nat Sci Elective
4 of 5 (3) - Hum/Soc Sci Elective
3 of 5 (3) - Hum/Soc Sci Elective

COMM 105 (2) - Pub Speaking 1*
COMM 106 (3) - Pub Speaking*

CIS 015 (0) - Undergrad Seminar

SOPHOMORE

- CIS 308 (1) - C/C++ Lang Lab
  - PR: CIS 300
- CIS 351 (3) - SW Arch & Design
  - PR: CIS 300
- CIS 361 (3) - Database Sys Conc (6)
  - PR: CIS 300 and 351
- MATH 510 (3) - Discrete Math
  - PR: MATH 221

COMM 105 (2) - Pub Speaking 1*
COMM 106 (3) - Pub Speaking*

3 of 4 (3) - Commn Elect

JUNIOR

- CIS 415 (1) - Eth & Comp Tech F
  - PR: CIS 300
- CIS 450 (3) - Comp. Arch & Ops
  - PR: ECE 343
- MATH 551 (3) - Applied Matrix Theory
  - PR: MATH 220

1 of 5 (3) - Tech Elective

ENGL 516 (3) - Written Comm for Sci
  - PR: ENGL 200 or 210

2 of 5 (3) - Tech Elective

STAT 510 (3) - Intro to Prob & Stat
  - PR: MATH 221

3 of 5 (3) - Tech Elective

MATH 550 (3) - Math Minor

K-State 8

Natural and Physical Sciences
Communications Elective

Human Diversity/ Social Science
Empirical & Quantitative Reasoning/ Ethical Reasoning

Global Issues and Perspectives
Aesthetic Interpretation/ Historical Perspectives- Personal

Choice see suggestions in hand-out (Pink)

Note: Please see handout for more information regarding classes and sequences.