Cyber Security Engineering FlowChart 2023-24 (125 Credits)

1. Math 165
   Calc I
   4cr
   C or better

2. Math 166
   Calc II
   4cr
   C or better

3. Math 267
   Diff Eq/Lap
   4cr

4. Math Elective
   3/4cr

5. Gen Ed Elective
   3cr

6. Gen Ed Elective
   3cr

7. Gen Ed Elective
   3cr

8. Gen Ed Elective
   3cr

1. Math 165
   Calc I
   4cr
   C or better

2. Phys 231 & 231L
   Classical Phys I
   5cr

3. Cyb E 230
   Cyber Secr. Infra
   3cr

4. Soph Class
   Cyb E 231
   Cyber Sec. Concept/Tool
   3cr

5. Cyb E 233
   Appl of Crypt
   3cr

6. CprE 331
   Cpr Org & Design
   4cr

7. Stat 330
   Stat for ComS
   3cr

8. Tech Elective
   3cr

1. Chem 167
   Engr Chem
   4cr

2. CprE 185
   CprE Prob Solv
   3cr

3. Lib 160
   Lib Instruction
   1cr

4. Com S 227
   Intro Program
   4cr
   C or better

5. Gen Ed Elective
   3cr

6. CprE 166
   Professional Prog
   R cr

7. CprE 288
   Embedded Systems
   4cr

8. Cyb E 234
   Ethics in Sec
   3cr
   C or better

9. Com S 228
   Data Structures
   3cr
   C or better

10. Com S 227
    Intro Program
    4cr
    C or better

11. Com S 228
    Data Structures
    3cr
    C or better

12. Engl 150
    Crit Think & Com
    3cr

13. Engl 250
    WOVE Comp
    3cr
    C or better

14. Engl 314
    Technical Com
    3cr
    C or better

15. CprE 185
    CprE Prob Solv
    3cr

16. CprE 166
    Professional Prog
    R cr

17. CprE 288
    Embedded Systems
    4cr

18. Cyb E 233
    Appl of Crypt
    3cr

19. CprE 331
    Cpr Org & Design
    4cr

20. Stat 330
    Stat for ComS
    3cr

21. CprE 492
    Senior Design II
    3cr

22. CprE 491
    Senior Design I
    3cr

23. CprE 492
    Senior Design II
    3cr

24. CprE 491
    Senior Design I
    3cr

25. Com S 227
    Intro Program
    4cr
    C or better

26. Com S 228
    Data Structures
    3cr
    C or better

27. Engl 150
    Crit Think & Com
    3cr

28. Engl 250
    WOVE Comp
    3cr
    C or better

29. Engl 314
    Technical Com
    3cr
    C or better

30. CprE 494
    Portfolio
    R cr

31. Math Elective
    3/4cr

LEGEND

Co-Req

Pre-Req

1. This flowchart is only a guide. For more detailed information, including pre-requisites and co-requisites, see the ISU Catalog.

2. Check with Student Services For information on electives.

3. Course term offerings subject to change.

4. Lab and lecture must be passed in the same semester to receive credit for CprE/CybE/EE Courses.