

Bachelor of Arts in **Computer Science** for Students Who Began Fall 2021 and Later

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Computer Science Technical Electives

To satisfy the computer science (CS) elective requirement, all students must take 18 credits chosen from Computer Science and Computer Engineering upper-division courses that are not in the above CS core Certain 5000-level or 6000-level courses may be taken as CS electives. Students must see an advisor for a current list of elective courses. Students seeking a specialty may consider taking electives in an area of study. A few suggested areas of concentration follow.

Internet Technology†

Introduction to Data Communications	CNT 4104
Foundations of Cybersecurity	CNT 4403
Mobile App Projects	COP 4655
Applied Database Systems	COP 4703

Cybersecurity†

Cyber Physical System Security	CIS 4213
Operating Systems Security	CIS 4367
Foundations of Cybersecurity	CNT 4403
Network and Data Security	CNT 4411

Data Science†

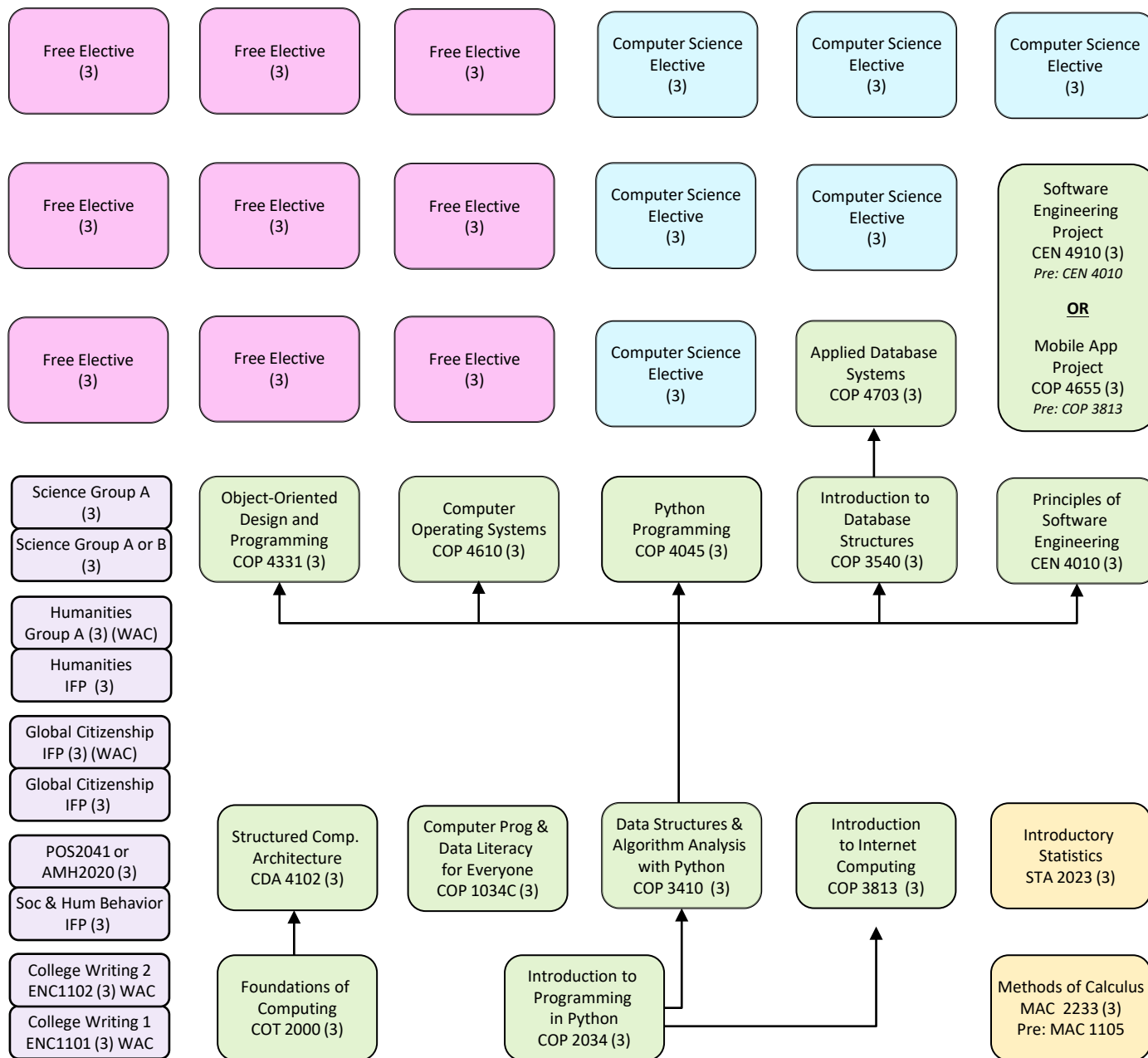
Introduction to Deep Learning	CAP 4613
Introduction to Artificial Learning	CAP 4630
Introduction to Data Mining and Machine Learning	CAP 4770
Introduction to Data Science and Analytics	CAP 4773

† Some of the elective courses in the list may need prerequisites that are not part of the program. Students must ensure that they have the prerequisites for the selected courses.

The following courses may be taken as computer science electives:

Topics in Computer Science	COT 4930
Topics in Computer Science	COT 5930
Directed Independent Study	COT 4900

Grade of "C" or better REQUIRED in all green, blue, orange, and WAC courses



LEGEND:

