UAF BA in Computer Science Checklist

For the 2022-23 and later UAF Catalogs

Student: _______________________ UAID: _______________________
Advisor: _______________________ Date: _______________________

General Education Requirements

Arts: 1 course ____________________________
Humanities: 2 courses _______________________
Social Sciences: 2 courses from different disciplines __________________
2 additional Humanities/Social Sciences courses _______________________

WRTG 111X __________________________ WRTG 211X/212X/213X/214X ______________
COJO 121X/131X/141X _______________ Library skills: LS 101X or test _______________
Natural Sciences: 2 courses ______________________

Alaska Native-themed: 1 course (may be same as one of the above) ____________________

CS Major Requirements

BA 323X, COJO 300X, JUST 300X, NRM 303X, PHIL 322X, or PS 300X (Ethics) _____________
MATH 230X/251X (Calculus) ____________ STAT 200X/300 (Statistics) _____________

CS 201 (CS I) ______________________ CS 202 (CS II) ______________________
*CS 241 (Hardware) ________________ CS 301 (Assembly Language) ________________
CS 311 (Data Structures & Algorithms) _______ CS 321 (Operating Systems) _________
CS 331 (Programming Languages) __________ CS 371 (Ethics & Technical Comm) __________
CS 372 (Software Construction) __________ CS 441 (Arch) or EE 443 (Comp Eng) _______
CS 471 (Senior Capstone I) ____________ CS 472 (Senior Capstone II) _____________
*May petition to satisfy this requirement using EE 341

Four CS electives at the 300/400 level
CS Elective ______________________ CS Elective ______________________
CS Elective ______________________ CS Elective ______________________

Example CS electives: CS 405 (AI), 425 (Databases), 453 (Robotics), 484/485/486 (Graphics)

Credits

Total 120 Credits _______________________
Upper Division 39 Credits (Major 47) ________ Residence 30 Credits (24 UD; 12 UD in CS) _____