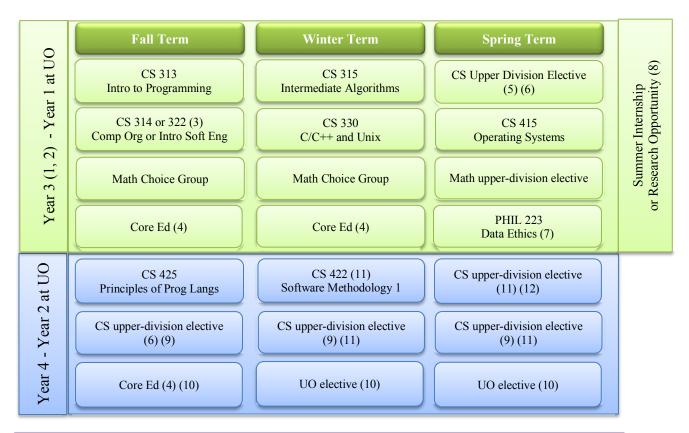# Computer Science Pathway Transfer - MTM
July 2022 – aligns with Oregon Major Transfer Map (MTM) and AST-CS (Years 1 and 2)

- MTM includes CS 160 (elective), 161/210, 162/211, 260/212, Math 251, 252, 231 (or CS 250), 232 (or CS 251), 12 credits science, WR227/320, some core ed/multicultural requirements.
- 205/314 optional and may still be needed for CS major. Up to 4 core ed courses, including 1 multicultural course, may still be need for UO degree requirements.
- CS major needs (314), 313, 315, 415, 422, 425, 5 u.d. electives, 2 math choice, 1 math u.d. elective (up to 4-5 core ed); recommend 322, PHIL 223 (core ed).

Year 3 (1, 2) - Year 1 at UO

Fall Term	Winter Term	Spring Term
CS 313 Intro to Programming	CS 315 Intermediate Algorithms	CS Upper Division Elective (5) (6)
CS 314 or 322 (3) Comp Org or Intro Soft Eng	CS 330 C/C++ and Unix	CS 415 Operating Systems
Math Choice Group	Math Choice Group	Math upper-division elective
Core Ed (4)	Core Ed (4)	PHIL 223 Data Ethics (7)

Year 4 - Year 2 at UO

Fall Term	Winter Term	Spring Term
CS 425 Principles of Prog Langs	CS 422 (11) Software Methodology 1	CS upper-division elective (11) (12)
CS upper-division elective (6) (9)	CS upper-division elective (9) (11)	CS upper-division elective (9) (11)
Core Ed (4) (10)	UO elective (10)	UO elective (10)

Summer Internship or Research Opportunity (8)

Notes

(1) Check out CS and UO student organizations (see https://cs.uoregon.edu/activities/student-groups).
(2) Schedule a major progress review advising appointment for upper-division majors (see https://cs.uoregon.edu/undergraduate/computer-science-advising).
. Attend CS 407 Career/Internship seminar (Mondays during the academic year 3:30-4:50 p.m.; all are welcome).
. Begin to make summer internship or Research Experience for Undergrads (search on "NSF REU Computer Science") plans.
. Visit the UO Career Center in Tykeson Hall to begin post-grad planning in Spring or Summer Term.
(3) CS 314 if 205 not taken in Yrs 1 and 2, else 322 recommended, else UO elective
(4) Core Ed course in Social Science or Arts & Letters, if needed; one multicultural course, if needed
(5) possible individual study course (e.g., CS 401, 403).
(6) possible CS Early Start Master's Degree course.
(7) PHIL 223 Data Ethics recommended, else UO elective.
(8) 401/404 cr. is possible – 404 cr. may be combined with CS 407 Career/Internship seminar credit.
(9) possible concentration (formerly track) course; must be numbered 410 or higher
(10) upper-division, if needed
(11) possible CS Accelerated Master's Program (AMP) course
(12) possible capstone (CS 423) or individual study course (e.g., CS 401, 403)