WELCOME TO THE DEPARTMENT OF COMPUTER SCIENCE

ADVICE AND ANSWERS FOR POST-BACCALAUREATE STUDENTS

Welcome! Session begins at 3:30pm Pacific

AGENDA

- 1. Postbac options!
- 2. Bachelor's degree requirements
- 3. Master's degree requirements
- 4. Paths to your degree
- 5. Planning your postbac program of study
- 6. **Prior credits and experience**
- 7. Next steps
- 8. Web pages
- 9. Q&A

Portland State

IT HER

🔑 Portland State













BACHELOR'S DEGREE IN COMPUTER SCIENCE (~122 CREDITS*)

- Programming & Theory Core (52 Credits)
- Upper Division Electives (24 Credits)
- Senior Capstone (6 Credits)
- Non-CS Major Requirements (40 Credits)

*May vary based on prior experience

Portland State

MASTER'S DEGREE IN COMPUTER SCIENCE (45 CREDITS)

Core (6 credits)

- Programming Core
- Theory Core

Electives (30 credits)

- Additional 500-level CS courses
- 15 credits can be outside of CS

Track (9 credits)

- Databases
- Artificial Intelligence & Machine Learning
- Languages
- Security
- Software Engineering
- Systems

PATH #1: SECOND BACHELOR'S DEGREE IN CS

- Broader topical coverage than Master's program
- Begin any term
- Must complete all undergraduate major requirements; CS credits and additional courses (Math, Science, etc.)
- Gen Ed components not required



PATH #2: GRAD PREP TO MASTERS

- Begin any term
- Must maintain a B or better
- Completed in as little as 15 months plus required time for Master's program
- Must complete (or demonstrate mastery) of most undergraduate computer science coursework.
 - Consists of Programming, Systems, and Theory
 - 32-40 credits (Depending on your starting point)

WHERE DO I BEGIN?

We have multiple entry points to begin your studies

- 1. No prior programming and limited math?
 - Start with CS 199
- 2. No prior programming and some math?
 - Start with CS 161
- 3. Some programming experience?
 - Start with CS 162

How should I know if I am ready for CS 162?

 There is an expected prep guide available on our website to help you determine if you should begin CS 162

Portland State

PORTLAND COMMUNITY COLLEGE

- You may begin your Post-bac study at a community college, such as PCC.
- Most lower division courses for the Grad Prep and second Bachelor's (including non-CS major requirements) can be completed at PCC.
 - PLEASE NOTE: PCC requires you to start with CS 140U and CS 161 and requires MTH 251 & CS 162 for CS 250
 - Beginning Winter 2021, Grad Prep students must take CS 202 at PSU
- Contact PCC's CS Advisor: Michele Maxwell (Michele.Maxwell@pcc.edu)
 - Include PCC ID and undergraduate transcripts (unofficial OK)

SCHEDULING IS IMPORTANT

- 1. We enforce prerequisites! Consider this when planning your program of study
- 2. Departmental Admissions is required in order to complete upper division CS courses
- 3. Planning to do the master's? You must have all grad prep courses completed before you start.

Portland State

PRIOR CREDITS AND EXPERIENCE

Determine if your prior courses match our requirements.

- https://transferology.com/school/pdx
- Request transfer evaluation upon Postbac admission
- Additional evaluation through course's department may be required

WHAT ARE MY NEXT STEPS? Apply to PSU for Postbac admission. Determine which CS course you want to begin with. Schedule an appointment with an advisor. (https://www.pdx.edu/computer-science/advising-0)

Portland State

