Students are required to earn a minimum of 90 college-level credits with a 2.0 grade point average to graduate.

**Important Notice:**
This Associate in Science is designed to prepare students for upper division study in Electrical and Computer Science Engineering. Completing this degree will prepare students for upper division study; it does not guarantee students admission to the major. Baccalaureate institutions party to this agreement are: University of Washington Seattle, Washington State University, Eastern Washington University, Gonzaga University, Saint Martin’s University, Seattle Pacific University, Seattle University, and Walla Walla University. Additional general education requirements, cultural diversity requirements, and foreign language requirements, required by the transfer institution, must be met prior to completion of a baccalaureate degree. Students need to meet with department advisors at the baccalaureate institution to determine an appropriate educational plan.

**Residence Requirements for Transfer Degrees:**
- A minimum of 30 credits that apply toward the degree earned at WWCC.
- A minimum of two (2) quarters enrolled at WWCC.

**Course Designators and Requirements**

- **NATURAL SCIENCE [NS]:**
  20 credits required. Sequences should not be broken up between institutions.
  PHYS&221, Engr Physics I w/Lab
  PHYS&222, Engr Physics II, w/Lab
  PHYS&223, Engr Physics III, w/Lab
  CHEM&161, General Chemistry I

- **QUANTITATIVE SKILLS [Q]:**
  25 credits in the following courses:
  MATH&151, Calculus I; MATH&152, Calculus II; MATH&153, Calculus III; MATH220, Linear Algebra; MATH238, Differential Equations

- **COMMUNICATIONS [C]:**
  5 credits in a college-level composition course required.

- **HUMANITIES & SOCIAL SCIENCE [H] [HP] [S]:**
  A minimum of 15 credits required. 5 credits in Humanities, 5 credits in Social Sciences, and an additional 5 credits in either Humanities or Social Sciences. No more than 5 credits allowed in 100 level Modern Languages. Up to 5 credits allowed in Performance/Fine Arts. A course in Economics is recommended.

  **Note:** Courses must meet the ICRC* distribution list of Humanities and Social Science requirements to count toward those requirements and counted as GERs/GURs by the receiving institution.

- **PRE-MAJOR REQUISITES**
  12 credits required
  ENGR 202, Design of Logic Circuits; ENGR&204, Electrical Circuits, ENGR205, Electrical Circuits Lab

- **ELECTIVES**
  20-25 credits
  Select elective courses as appropriate for intended major and intended baccalaureate institution. Options include:
  CS&131, Computer Science I C++; CS&141, Computer Science I JAVA; ENGR&104, Intro to Design; ENGR240, Applied Numerical Methods; MATH&254, Calculus IV

*Intercollegiate Relations Commission
Walla Walla Community College does not discriminate on the basis of race, color, national origin, sex, disability, or age in programs and activities. Document last updated 6/17.
Communications [C] • 5 Credits

Humanities and Social Science [H] [HP] [SS] • 15 Credits

Quantitative Skills [Q] • 25 Credits

Physics [NS] • 15 Credits

Chemistry [NS] • 5 Credits

Pre-Major Requisites • 12 Credits

Electives • 20-25 Credits

Notes

Course Placements: Reading ___________ English __________ Math __________