

## STEM - Computer Engineering | Bachelor of Science

<b>EDUCATION</b> What do I want to do?	<ul> <li>First Year (0-45 credits)</li> <li>Explore Computer Engineering Webpage</li> <li>Meet with professors/Pre-Major Advisors</li> <li>Consider taking the Career Exploration class BISSKL 250 or CSS 290</li> <li>Explore study abroad opportunities</li> </ul>	<ul> <li>2nd &amp; 3rd Years (45-135 credits)</li> <li>Explore faculty bio pages and the <u>undergraduate</u> research database to find research opportunities</li> <li>Explore graduate school options, including program and admission requirements</li> <li>Participate in <u>Community-Based Learning and Research (CBLR)</u> coursework</li> <li>Participate in a <u>study abroad program</u></li> <li>Attend a capstone event</li> </ul>	<ul> <li>4+ Years (135+credits)</li> <li>Complete Capstone Project</li> <li>Apply to graduate school (if applicable), make an appointment with Career Services to help you with the process</li> </ul>	<ul> <li>Career Development Checklist</li> <li>Register on Handshake</li> <li>Develop Resume</li> <li>Build LinkedIn &amp; Handshake profiles</li> <li>Network with alumni/ industry professionals</li> <li>Research careers and skill requirements for your major</li> <li>Participate in an internship</li> <li>Practice mock interviews</li> <li>Develop list of references and recommenders</li> </ul>
HANDS ON LEARNING What can I do to achieve my goals?	<ul> <li>Join a club such as Association for Computing Machinery (ACM) or student government (ASUWB) to build skills in leadership, communication, and working with diverse populations.</li> <li>Participate in <u>campus activities</u> to build community and network with others</li> <li>Find <u>volunteer opportunities</u> with your community or local non-profit</li> <li>Use the <u>UW Bothell's LinkedIn Alumni</u> page, <u>WOIS.org</u>, <u>What Can I Do With</u> <u>This Major</u>, and <u>O*NET Online</u> to research careers and skill requirements</li> </ul>	<ul> <li><u>Network</u> with faculty, advisors, peers, &amp; alumni in your major/career focus</li> <li>Attend <u>Technology &amp; Engineering career fairs/networking events</u></li> </ul>	<ul> <li>Practice your <u>elevator speech</u> and network with faculty, peers and alumni for post-graduation planning</li> <li>Join the <u>UW Alumni Association</u> and <u>Husky Landing</u> to stay connected and attend networking events</li> <li>Utilize <u>LinkedIn Learning</u> to develop and enhance skills</li> <li>Join a local professional organization</li> </ul>	Employment Opportunities: Programming, Network Technology, Research, Systems Development, Network Technology, Database Administration Related Careers: Planning/Analysis, Research, Operating & Applications System Development, Software & Web Design, Technical Writing Licensing/certification: Certificate in Program Languages, Certified Computing Professional Post-Baccalaureate Degree Paths:

<b>CAREER</b> <b>PREPARATION</b> How can I help myself get a job?	A A A	Make your <u>first appointment with Career</u> <u>Services</u> to develop your resume and LinkedIn profile Register for <u>Handshake</u> (UW's free job and internship board) and complete your profile Conduct <u>informational interviews</u> with alumni and other industry professionals for career advice, job research, and discuss mentorship opportunities	A AAAA	Intern with an employer/career of interest ( <b>Apply for</b> <b>summer internships Autumn of 3rd year</b> - Example(s): Facilities Engineering, DevOps Engineering, Computer Engineering) Job shadow to clarify career interests Update <u>resume</u> with relevant academic coursework/projects Update <u>LinkedIn/e-portfolio</u> and <u>Handshake</u> profile with projects and accomplishments which highlight your skills Apply to <u>Student Employment</u> opportunities to gain experience and leadership	A A A A	Visit <u>Career Services</u> to refine your resume/LinkedIn profile, job search strategies, and interview skills Meet with <u>professors/advisors</u> for resources on preparing for coding interviews Develop a list of <u>academic</u> <u>references and recommenders</u> Begin applying for jobs	Master's in Information Science & Technology, Master's in Computer Science or Software Engineering <b>Companies who have hired on</b> <b>Handshake:</b> Google, Nordstrom, Expedia, Microsoft, T-Mobile, Amazon Web Services, Nintendo <b>Professional Associations:</b> Institute for Electrical and Electronic Engineers, Association for Computing Machinery
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