

## STEM - Electrical Engineering | Bachelor of Science

| EDUCATION<br>What do I<br>want to do?   | <ul> <li>► Explore Electrical 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>2<sup>nd</sup> &amp; 3<sup>rd</sup> Years (45-135 credits)</li> <li>Explore faculty bio pages and the undergraduate research database to find research opportunities</li> <li>Explore graduate school options, including program and admission requirements</li> <li>Participate in Community-Based Learning and Research (CBLR) coursework</li> <li>Participate in a study abroad program</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<br/>profiles</li> <li>Network with alumni/ industry<br/>professionals</li> <li>Research careers and skill<br/>requirements for your major</li> <li>Participate in an internship</li> <li>Practice mock interviews</li> <li>Develop list of references and<br/>recommenders</li> </ul> |
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| HANDS ON<br>LEARNING<br>What can I<br>do to achieve<br>my goals?              | <ul> <li>Join a club such as Institute of Electrical &amp;<br/>Electronics Engineers (IEEE) or student<br/>government (ASUWB) to build skills in<br/>leadership, communication, and working<br/>with diverse populations.</li> <li>Participate in <u>campus activities</u> to build<br/>community and network with others</li> <li>Find <u>volunteer opportunities</u> with your<br/>community or local non-profit</li> <li>Use the <u>UW Bothell's LinkedIn Alumni</u><br/>page, <u>WOIS.org</u>, <u>What Can I Do With This</u><br/><u>Major</u>, and <u>O*NET Online</u> to research<br/>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<br/>network with faculty, peers and<br/>alumni for post-graduation planning</li> <li>Join the <u>UW Alumni Association and<br/>Husky Landing</u> to stay connected<br/>and attend networking events</li> <li>Utilize <u>LinkedIn Learning</u> to develop<br/>and enhance skills</li> <li>Join a local professional organization</li> </ul> | Employment Opportunities:<br>Research/Development, Aerospace,<br>Electrical Engineering,<br>Bioelectronics, Power & Energy<br>Systems<br>Related Careers: Automation<br>Controls, Process/Testing<br>Engineering, Project Management,<br>Product Development/Design,<br>Electrical Services Systems, Field<br>Service<br>Licensing/certification: Electro-<br>Mechanical or Electric Power<br>Systems Certificate          |
| <b>CAREER</b><br><b>PREPARATION</b><br>How can I<br>help myself<br>get a job? | <ul> <li>Make your first appointment with Career<br/>Services to develop your resume and<br/>LinkedIn profile</li> <li>Register for <u>Handshake</u> (UW's free job and<br/>internship board) and complete your profile</li> <li>Conduct informational interviews with<br/>alumni and other industry professionals for<br/>career advice, job research, and discuss<br/>mentorship opportunities</li> </ul>   | <ul> <li>Intern with an employer/career of interest (Apply for summer internships Autumn of 3rd year - Example(s): Applications Engineering, Electrical Engineering, Systems Engineering)</li> <li>Job shadow to clarify career interests</li> <li>Update resume with relevant academic coursework/projects</li> <li>Update LinkedIn/e-portfolio and Handshake profile with projects and accomplishments which highlight your skills</li> <li>Apply to Student Employment opportunities to gain experience and leadership</li> </ul> | <ul> <li>Visit <u>Career Services</u> to refine your resume/LinkedIn profile, job search strategies, and interview skills</li> <li>Meet with <u>professors/advisors</u> for resources on preparing for coding interviews</li> <li>Develop a list of <u>academic references and recommenders</u></li> <li>Begin applying for jobs</li> </ul>  | Post-Baccalaureate Degree Paths:<br>Master's in Electrical Engineering<br>Companies who have hired on<br>Handshake: Boeing, Microsoft, T-<br>Mobile, Phillips, Astronics AES,<br>FlukeCorporation, PACCAR<br>Professional Associations: Institute<br>of Electrical and Electronics<br>Engineers (IEEE), Association of<br>Computing Machinery (ACM)  |