### STEM - Electrical Engineering | Bachelor of Science

#### First Year (0-45 credits)
- **EDUCATION**
  - Explore [Electrical Engineering](#) Webpage
  - Meet with professors/Pre-Major Advisors
  - Consider taking the Career Exploration class [BISSKL 250](#) or [CSS 290](#)
  - Explore study abroad opportunities

- **HANDS ON LEARNING**
  - Join a club such as [Institute of Electrical & Electronics Engineers (IEEE)](#) or student government (ASUWB) to build skills in leadership, communication, and working with diverse populations.
  - Participate in campus activities to build community and network with others
  - Find volunteer opportunities with your community or local non-profit
  - Use the UW Bothell's [LinkedIn Alumni page](#), [WOIS.org](#), [What Can I Do With This Major](#), and [O*NET Online](#) to research careers and skill requirements

- **CAREER PREPARATION**
  - Make your first appointment with Career Services to develop your resume and LinkedIn profile
  - Register for Handshake (UW's free job and internship board) and complete your profile
  - Conduct informational interviews with alumni and other industry professionals for career advice, job research, and discuss mentorship opportunities

#### 2nd & 3rd Years (45-135 credits)
- **EDUCATION**
  - Explore [faculty bio pages](#) and the [undergraduate research database](#) to find research opportunities
  - Explore [graduate school options](#), including program and admission requirements
  - Participate in [Community-Based Learning and Research (CBLR)](#) coursework
  - Participate in a study abroad program
  - Attend a capstone event

- **HANDS ON LEARNING**
  - Network with faculty, advisors, peers, & alumni in your major/career focus
  - Attend Technology & Engineering career fairs/networking events

- **CAREER PREPARATION**
  - Intern with an employer/career of interest (Apply for summer internships Autumn of 3rd year - Example(s): Applications Engineering, Electrical Engineering, Systems Engineering)
  - Job shadow to clarify career interests
  - Update resume with relevant academic coursework/projects
  - Update LinkedIn/e-portfolio and Handshake profile with projects and accomplishments which highlight your skills
  - Apply to [Student Employment](#) opportunities to gain experience and leadership

#### 4+ Years (135+ credits)
- **EDUCATION**
  - Complete Capstone Project
  - Apply to graduate school (if applicable), make an appointment with Career Services to help you with the process

- **HANDS ON LEARNING**
  - Practice your elevator speech and network with faculty, peers and alumni for post-graduation planning
  - Join the UW Alumni Association and Husky Landing to stay connected and attend networking events
  - Utilize LinkedIn Learning to develop and enhance skills

- **CAREER PREPARATION**
  - Visit Career Services to refine your resume/LinkedIn profile, job search strategies, and interview skills
  - Meet with professors/advisors for resources on preparing for coding interviews
  - Develop a list of academic references and recommenders
  - Begin applying for jobs

#### Career Development Checklist
- Register on Handshake
- Develop Resume
- Build LinkedIn & Handshake profiles
- Network with alumni/ industry professionals
- Research careers and skill requirements for your major
- Participate in an internship
- Practice mock interviews
- Develop list of references and recommenders

#### Employment Opportunities:
- Licensing/certification: Electro-Mechanical or Electric Power Systems Certificate
- Post-Baccalaureate Degree Paths: Master's in Electrical Engineering
- Companies who have hired on Handshake: Boeing, Microsoft, T-Mobile, Phillips, Astronics AES, FlukeCorporation, PACCAR
- Professional Associations: Institute of Electrical and Electronics Engineers (IEEE), Association of Computing Machinery (ACM)