

SEMICONDUCTOR MANUFACTURING AND MICROELECTRONICS, CERTIFICATE

Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

Program Description

This certificate program is designed to prepare students for careers in the semiconductor industry. Course material will focus on the nanofabrication and manufacturing of semiconductor materials and devices, and packaging. This certificate program will help to bridge the gap between academic research and large-scale manufacturing. Students will experience hands-on training on semiconductor manufacturing and packaging and meet with industry leaders to discuss current topics and trends in semiconductor technology. To complete this certificate, a minimum of 13 credits is required, including at least 7 credits of semiconductor laboratory coursework.