

NUCLEAR ENGINEERING MATERIALS, CERTIFICATE

The goal of this certificate is to combine a comprehensive set of course curricula that will provide students with an understanding of the challenges and remedial measures associated with materials in nuclear energy systems, including fission and fusion reactors. It includes courses in radiation damage, nuclear fuel performance, and corrosion. A laboratory course will provide hands-on experimental analysis in the areas of corrosion, welding, radiation damage, and non-destructive evaluation.