

Recommended minimum technical specifications:

Processor	<ul style="list-style-type: none"> Intel Core i5 or higher – 10th generation or later or AMD Ryzen 5000 series or higher <p>Note: If you own an Apple laptop, please make sure that it meets the minimum equivalent CPU and other requirements listed in this document.</p>
Software	<p>Your laptop must be able to run 64-bit operating systems, including Microsoft Windows 10 (or later) and Linux</p> <p>macOS Advisory: to use Windows and Linux operating systems on your Apple laptop, you may have to purchase and install virtualization software, such as VMware or Parallels</p>
Memory	16 GB or greater
Display size	13" or larger
Storage (internal)	1 TB Solid-State Drive (NVMe M.2 SSD recommended)
Storage (external)	1 TB portable/external SSD with USB 3.2 Gen 2 or later
Internet	High-speed internet connection capable of multimedia streaming (at least 30 Mbps Download/10 Mbps Upload)
Webcam, speakers, and microphone	<p>You will be participating in lectures, tutorials, labs, tests, group assignments, and exams, and a web camera, speakers, and microphone will be required. Laptops often have these built in. The ability to interact and communicate visually and verbally is necessary.</p> <p>Consider a dedicated headset (or durable earbuds) with a microphone, as these can provide better-quality sound for both you and the instructor.</p>