

**Computing** is any goal-oriented activity requiring, benefiting from, or creating [computing machinery](#).<sup>[1]</sup> It includes the study and experimentation of [algorithmic](#) processes, and the development of both [hardware](#) and software. Computing has scientific, engineering, mathematical, technological, and social aspects. Major computing disciplines include [computer engineering](#), [computer science](#), [cybersecurity](#), [data science](#), [information systems](#), [information technology](#), and [software engineering](#).<sup>[2]</sup>