

Technology and Policy, Minor

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<https://epp.engineering.cmu.edu/education/undergraduate/minors.html>

Minor in Technology and Policy Minor

Overview

The Technology and Policy Minor is administered by the Department of Engineering and Public Policy (EPP). The Technology and Policy Minor is designed to give students a basic understanding of the interactions between technology, society and policy and some project experience in problems involving technology and policy.

Prerequisites

Students should have prerequisite knowledge in economics (73-102 Principles of Microeconomics or similar level economics course) and statistics (36-202 Methods for Statistics & Data Science or similar level statistics course) in order to pursue the Technology and Policy Minor.

Course Requirements

		Units
19-101	Introduction to Engineering and Public Policy	12
19-301	Decision Making Methods for Engineers and Scientists	9
or 19-351	Applied Methods for Technology-Policy Analysis	
19-451	EPP Projects I	12
xx-xxx	Two (2) EPP Technology-Policy Electives (see below)	18

Technology Policy Electives (Minimum 18 units)

EPP Technical Electives include courses that address problems at the society-technology interface and the means of analyzing these issues. A list of qualifying Technology-Policy electives is assembled each semester and is available from the EPP Department. Example Technology Policy electives include:

19-211	Ethics and Policy Issues in Computing	9
19-303	Cryptocurrencies, Blockchains and Applications	Var.
19-403	Policies of Wireless Systems	12
19-411	Science and Innovation Leadership for the 21st Century: Firms, Nations, and Tech	9
19-429	Climate Change Science and Solutions	9
19-433	Data Science for Technology, Innovation and Policy	9
19-469	Behavior, Decision and Policy	9
19-639	Policies of the Internet	12
19-668	Electric Vehicles: Technology, Economics, Environment and Policy	12

Students must earn a cumulative QPA of 2.0 in all courses taken for the minor. Required courses taken for a student's primary major may not be counted toward the Technology and Policy Minor. Elective courses for a student's primary major or courses fulfilling general education requirements may be counted, however.