

# TECHNOLOGY, MEDIA, AND COMMUNICATIONS

The TMaC specialization equips students for careers in today's digital workplace. We believe that understanding the policy implications of digital technology and having practical skills are essential. Digital technologies have transformed all the areas that SIPA students care about: development, advocacy, policy making, media, human rights, business, and government, so we offer courses that cut across disciplines.

Our skills courses teach data visualization, speech writing, data scraping, and using social media for campaigning. Current digital production techniques and distribution channels have given organizations new communications strategies, and we explore the technical and theoretical tricks, turns, and pitfalls of this new 21st-century paradigm. Many of our writing courses are taught by award-winning journalists who emphasize research and how to communicate clearly and effectively.

TMaC offers courses on design thinking, digital diplomacy, e-government, digital activism, surveillance, and the regulatory and policy questions surrounding digital technology. We consider the digital revolution's effect on international affairs and government and the policies and practices that can help new technologies promote development, human rights, and social change.

Students enrolled in the Technology, Media, and Communications Specialization must take three courses but may take more if their schedule permits. We don't have required courses or tracks because we know that our students are interested in a wide range of subjects. We tweak our course listings each year in response to what students, alumni, and employers tell us is essential for today's workplace.

## Contact Us

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Visit our [SIPA Faculty Directory](#) to view bios

## Technology, Media, and Communications Requirements

The Technology, Media, and Communications Specialization (TMaC) requires **9 points**.

		Points
INAF U6006	Computing in Context	3.00
INAF U6046	Global Media: Policy Lab and Innovation	1.50
INAF U6089	Environmental Justice and Climate Resiliency	3.00
INAF U6120	Visual Storytelling	3.00
INAF U6122	Viral Videos, Generative AI # Geopolitics in a Changing World	3.00
INAF U6123	Storytelling for Social Change: Skills and Narratives	3.00
INAF U6129	Storytelling and The Art of Creating Social Impact Campaigns	3.00
INAF U6144	Campaigning for Change through Media, Mobilization # the Power of Persuasion	3.00
INAF U6198	Technology for Intl Crisis Response # Good Governance	1.50
INAF U6202	Internet Governance and Human Rights	3.00
INAF U6209	Tech # Tactics for Innovative Policymaking	3.00
INAF U6382	Technology, National Security # the Citizen	3.00
INAF U6383	Foundations of Cyber Conflict	3.00
INAF U6386	Policy Dilemmas in Cybersecurity	3.00
INAF U6394	Writing About War: Seeking Narratives in Conflict	3.00
INAF U6502	Into to Text Analysis in Python	3.00
INAF U6504	Python for Public Policy	1.50
INAF U6509	Basics of Cybersecurity	1.50
INAF U6511	Intro to Infographics and Data Visualization	1.50

INAF U6512	Data Driven Approaches for Campaigns and Advocacy	3.00	BUEC B8210	Regulatory and Legal Matters on Blockchain, Cryptocurrencies and Digital Assets	1.50
INAF U6517	Tech Policy in the Developing World: Data Governance	1.50	LAW L8173	Law, Media and Public Policy	2.00
INAF U6518	Cybersecurity: Technology, Policy, # Law	3.00	POLS GU4808	CYBER STRATEGY # INT'L POLS	4.00
INAF U6523	Cyber Risks # Vulnerabilities	1.50	SUMA PS5180	Writing about Global Science for the International Media	3.00
INAF U6524	Cybersecurity # Business Risk	3.00			
INAF U6525	Social Innovation, Technology, # Public Policy in the Global South	1.50			
INAF U6529	Cyberspace in Strategy and Grand Strategy	3.00			
INAF U6531	Cyber Conflict and Cybersecurity in the Indo-Pacific	3.00			
INAF U6545	AI: A Survey for Policymakers	3.00			
INAF U6546	Artificial Intelligence and Conflict Prevention: Practical, Policy, and Ethical Dimensions	3.00			
INAF U6614	Data Analysis for Policy Research Using R	3.00			
INAF U6897	Writing on Policy	3.00			
INAF U6902	Journalism in the Movies: Breaking News, Exposing Crime, Saving Democracy	3.00			
INAF U6905	Fundamentals of Podcast Interviews	1.50			
INAF U6906	Policy Solutions for Online Mis/Disinformation	3.00			
INAF U6908	Information Operations on Social Media	1.50			
INAF U6911	Democracy, Policy and Digital Governance	1.50			
INAF U6912	Messaging Policy in the Digital Age	1.50			
INAF U6914	Policies and Practices in Human-Centered Digital Development	3.00			
INAF U6918	Digital Service Delivery for Leaders and Policy Makers	3.00			
INAF U6921	Narrative Journalism Across the Platforms	3.00			
INAF U6922	Race and Western Journalism	1.50			
INAF U6932	Ethics of Media, Technology, and Design	3.00			
INAF U6935	Communications for the Public, Private, and Non-Profit Sectors	3.00			
INAF U6946	Writing and Delivering Speeches	1.50			
INAF U6975	Internet Business Models # US Policy	1.50			
INAF U6979	Online Trust # Safety	1.50			
INAF U8180	Human Rights Skills # Advocacy	3.00			
INAF U8183	Tools for Advocacy	3.00			
PUAF U6135	Civic Innovation # Designing for People	1.50			
PUAF U6145	Civic Innovation: Design in Practice # Imagination	3.00			
PUAF U6312	Campaign Management	3.00			
PUAF U6314	Climate Campaigning Reimagined: Communications and Mobilization	1.50			
REGN U8753	Propaganda, Russia, # The World Information War	3.00			
SIPA U6700	Inside the Situation Room	3.00			
EMPA U6426	Digital Case Study Projects	3.00			
<b>Non-SIPA Courses</b>					
Journalism School	Any Journalism School course between JOUR J4000 and JOUR J9999				

## Degree Audit Report

Matriculated students in this program can view their degree audit report on [Stellic](#).