TECH ETHICS & SCIENCE POLICY CURRICULUM

The Duke Master’s in Tech Ethics & Science Policy offers a unique opportunity to delve deeply into the social, ethical, and legal issues of emerging technologies. Our students create a highly customized curriculum, completing 4 core courses (below) for 12 units, electives totaling 15 units, and a 10-week practicum for 9 units.

Students must complete 36 units to graduate.

SCHEDULE OF COURSES

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
<th>SUMMER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioethic 602S-01. Law, Research, &amp; Bioethics</td>
<td>SciSoc 585: Digital Intelligence: Ethics of Emerging Technologies</td>
<td>Practicum: The culmination of the academic experience in the Duke Master’s in Tech Ethics &amp; Policy is a 10-week summer practicum project where our students join an organization and work on a substantive tech ethics or policy project.</td>
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<tr>
<td>Bioethic 704/Law 333. Science, Law, &amp; Policy</td>
<td>Bioethic 605S-02. Contemporary Issues in Bioethics &amp; Science Policy (Science Communication)</td>
<td>MA Final: Presentation of the work completed during the practicum</td>
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<td>Bioethic 605S-01. Contemporary Issues in Bioethics &amp; Science Policy (Policy Writing)</td>
<td>Elective 1</td>
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<td>Elective 2</td>
<td>Elective 3</td>
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<td>Elective 4</td>
<td>Elective 5</td>
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FEATURED CORE COURSE

DIGITAL INTELLIGENCE: ETHICS OF EMERGING TECHNOLOGIES

Professor Nita Farahany, PhD, JD: Robinson O. Everette Professor of Law and Philosophy, Duke Law School; Director, Duke Initiative for Science & Society; Chair, Duke MA in Bioethics & Science Policy

Technology rapidly transforms society with an implicit promise to help us live better lives. While the positive effects are indisputable, the tenet ‘move fast and break things’ creates an evident set of harmful consequences for individuals, societies, and our planet.

Digital Intelligence teaches students to navigate, understand, and analyze the ethical and social impact of emerging technologies through an applied ethical lens. In a flipped-classroom format, students will watch asynchronous videos on a weekly basis featuring leading technology, ethics, and policy experts as they discuss topics such as algorithmic bias, the impact of social media on democracy, and privacy in the digital age. Students will meet weekly in small discussion groups to work through case studies and to engage critically with a practical ethics approach to the topics presented in the video and additional assigned material.

The course will have Spring and Fall sessions, either of which will satisfy the core course requirement.
CUSTOMIZE YOUR STUDIES: ALL OF DUKE AT YOUR FINGERTIPS

Duke University Professional Schools and Departments continue to add curricular and co-curricular offerings on Tech Ethics & Policy. Our students are encouraged to explore the courses and opportunities throughout the University to create an academic plan that meets their individual needs.

Our program is designed to be completed in 3 semesters (12 months). Nevertheless, Master’s in Tech Ethics & Science Policy students may choose to take an additional 4th semester, affording them the opportunity to add another 4-5 electives. Duke Science & Society offers this option for extended study virtually tuition free.

Below is a sampling of courses available:

<table>
<thead>
<tr>
<th>FALL ELECTIVES</th>
<th>SPRING ELECTIVES</th>
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<tbody>
<tr>
<td>Bioethics 803:</td>
<td>SciSoc 680S:</td>
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<tr>
<td>Frontier AI &amp; Robotics: Law &amp; Ethics</td>
<td>Technology Policy</td>
</tr>
<tr>
<td>(Professor Jeff Ward)</td>
<td>(Professor Matt Perault)</td>
</tr>
<tr>
<td>SciSoc 613S:</td>
<td>PubPol 372:</td>
</tr>
<tr>
<td>Technology Policy for the New Administration</td>
<td>Information, Technology, Ethics &amp; Policy</td>
</tr>
<tr>
<td>(Professor Matt Perault)</td>
<td>(Professor Kenneth Rogerson)</td>
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<tr>
<td>PubPol 590:</td>
<td>PubPol 590/Law 706S:</td>
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<tr>
<td>Privacy, Technology and National Security</td>
<td>Cybersecurity and Surveillance Law and Policy</td>
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<tr>
<td>(Professor David Schanzer)</td>
<td>(Professor David Hoffman)</td>
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<tr>
<td>Law 609:</td>
<td>Law 331:</td>
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<tr>
<td>Introduction to Cyber Law and Policy</td>
<td>Introduction to Privacy, Law, and Policy</td>
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<tr>
<td>(Professor Shane Stansury)</td>
<td>(Professor Jolynn Delinger)</td>
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SUMMER PRACTICUM

Students are encouraged to dream big in deciding where to do their practicum. The program administrators help our students find a placement. Students in the past have worked in such organizations as the World Economic Forum in San Francisco, Partners for Automatic Vehicle Education in Washington, DC, and Intel Corporation’s Privacy Office.

UNIVERSITY RESOURCES

Engagement and research opportunities on topics of Tech Ethics & Policy abound at Duke. The Duke Initiative for Science & Society houses two centers: The Center on Risk and the Center on Science & Technology Policy, both of which offer a slate of programs and projects for enrichment. In addition, Science & Society is a founding partner in the Center for Computational Thinking.

Other Duke centers and programs offering research and engagement opportunities include:

- Duke Law School: Duke Center on Law & Tech and the Center for Innovation Policy
- Duke Sanford School of Public Policy
- Pratt School of Engineering: Humans and Autonomy Lab
- Entrepreneurship and Innovation Initiative.

FOR MORE INFORMATION

visit scienceandsociety.duke.edu
see what we do on YouTube
contact us at scienceandsociety@duke.edu