

**BACHELOR OF SCIENCE IN PUBLIC POLICY**

The Bachelor of Science in Public Policy (BS PP) provides an education that combines strong analytical skills with understanding of a range of substantive policy issues and the political, social, and cultural forces that shape public policies. The BS PP core courses provide students with the broad political, economic, and philosophical foundations of thought pertinent to public policy, a base of rigorous quantitative and qualitative analytical approaches, and a solid understanding of the political and social dynamics that structure policy debates and policy outcomes.

The curriculum moves from disciplinary foundations (in politics, economics, philosophy, and organization theory) to methods of research and data analysis, and to detailed studies of particular policy problems. Students choose two clusters in environment and energy policy, science and technology policy, social and urban policy, philosophy, or politics and policy, and can select electives in additional areas such as information and telecommunication policy, bioengineering and ethics, and regional development policy. All students have opportunities for internships, research, and study abroad or exchange programs. The BS PP program culminates in a senior-year two-semester capstone “task force” in which students work in teams with outside clients (e.g., Centers for Disease Control, Marcus Autism Center, Multiple Sclerosis Society, Atlanta Food Bank) on actual policy problems.

The program’s emphasis on the development of problem-solving and analytical skills constitutes a strong comparative advantage for BS PP graduates, many of whom move on to law school, management consulting, public sector policy analysis, or nonprofit management.

The curriculum includes a core of required courses, clusters of related courses, and a wide range of electives. Students must complete three clusters, selecting a specific number of courses from each. The program includes a strong emphasis on research methods and problem-solving skills, with opportunities for internships and study abroad.

**Wellness**

- APPH 1040 Scientific Foundations of Health 2
- or APPH 1050 The Science of Physical Activity and Health

**Core A - Essential Skills**

- ENGL 1101 English Composition I 3
- ENGL 1102 English Composition II 3
- MATH 1712 Mathematics for Management II 4
- or MATH 1552 Integral Calculus

**Core B - Institutional Options**

- CS 1315 Introduction to Media Computation 3

**Core C - Humanities**

- Any HUM (http://www.catalog.gatech.edu/academics/undergraduate/core-curriculum/core-area-c) 6

**Core D - Science, Math, & Technology**

- Lab Science 4
- Lab Science 4
- MATH 1711 Mathematics for Management I 4
- or MATH 1551 Differential Calculus
- & MATH 1553 and Introduction to Linear Algebra

**Core E - Social Sciences**

- POL 1101 Government of the United States 3
- Any SS (http://www.catalog.gatech.edu/academics/undergraduate/core-curriculum/core-area-e) 9

**Core F - Courses Related to Major**

- ECON 2106 Principles of Microeconomics 3

**Core F - Additional Courses**

- PHIL 2025 Philosophical Analysis of Policy Choices 3
- PUBP 2010 Political Processes 3
- PUBP 2030 Organizations and Policy 3
- Science, Computing, or Engineering Elective 1

**Major Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBP 3020</td>
<td>Applied Political Economy</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 3030</td>
<td>Policy Analysis</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 3120</td>
<td>Statistical Analysis for Public Policy</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 3130</td>
<td>Research Methods and Problem Solving</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 4010</td>
<td>Policy Task Force I</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 4020</td>
<td>Policy Task Force II</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 2651</td>
<td>Public Policy Internship</td>
<td>3</td>
</tr>
<tr>
<td>or PUBP 4651</td>
<td>Public Policy Internship</td>
<td>3</td>
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</tbody>
</table>

**Clusters**

- Student must complete two three-course clusters, selecting three courses from two clusters.

**Non-Major Cluster**

- Any POL, PHIL, or PUBP course 3

**Free Electives**

- Free Electives 3

**Total Credit Hours**

- 122

**Pass-fail only allowed for Free Electives.**

1. Must be chosen from the following list: any AE, CEE, ECE, ISYE course, AE 1770/CEE 1770/ME 1770, BC 3630, BIOL 2335, BIOL 2344, BIOL 4755, CHEM 2211, CHEM 2311, CHEM 2312, CHEM 2380, CHEM 3380, COA 6764, CS 6764, CP 4510, CS 1171, CS 1316, CS 1331, CS 1332, CS 6754/ME 6754, EAS 2420, EAS 2600, EAS 2655, EAS 2750, EAS 4420, EAS 4430, EAS 4450, EAS 4602, ECE 2030, ID 3103, ID 4103, LMC 2700, LMC 2730, LMC 3402, LMC 3710, LMC 6312, ME 2016, MGT 2200, MGT 2251, MGT 4051, MGT 4058, MUSI 4630, PHYS 2030, PHYS 2213, PHYS 3123, PHYS 3141, PHYS 3266, PHYS 4142, PSYC 2020, PSYC 2270, PSYC 3011, PSYC 3020, PSYC 3031, PSYC 3040, PSYC 3790, PSYC 4010, PSYC 4031, PSYC 4050, PSYC 4090, PSYC 4100, PSYC 4270.

2. Minimum grade of C required.

3. MATH 1111 and MATH 2804 not allowed.

**Cluster Electives**

**Environmental and Energy Policy Cluster**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PHIL 4176</td>
<td>Environmental Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 3315</td>
<td>Environmental Policy and Politics</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 3600</td>
<td>Sustainability, Technology, and Policy</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 4338</td>
<td>Environmental Impact Assessment</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 47XX</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>PUBP 6300</td>
<td>Earth Systems</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 6310</td>
<td>Environmental Issues</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 6312</td>
<td>Economics of Environmental Policy</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 6314</td>
<td>Policy Tools for Environmental Management</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 6326</td>
<td>Environmental Values and Policy Goals</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 6330</td>
<td>Environmental Law</td>
<td>3</td>
</tr>
<tr>
<td>PUBP 6760</td>
<td>Negotiation and Conflict Management</td>
<td>3</td>
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Social and Urban Policy Cluster

- PHIL 3127: Science, Technology, and Human Values (3)
- PUBP 3502: Information and Communications Technology Policy (3)
- PUBP 4111: Internet and Public Policy (3)
- PUBP 4214: Gender, Science, Technology, and Public Policy (3)
- PUBP 4410: Science, Technology, and Public Policy (3)
- PUBP 4414: Technology, Innovation, and Policy (3)
- PUBP 4416: Critical Issues in Science and Technology (3)
- PUBP 4756: Technology Forecasting and Assessment (3)
- PUBP 6402: Research Policy and Management (3)
- PUBP 6415: Technology, Regions, and Policy (3)
- PUBP 6417: Critical Perspectives on Science and Technology (3)
- PUBP 6421: Development of Large-scale Socio-technical Systems (3)
- PUBP 6501: Information Policy and Management (3)
- PUBP 6740: Innovation, the State and Industrial Development in International Perspective (3)
- PUBP 6741: Geography of Innovation (3)
- PUBP 6753: Comparative Science and Technology Policy (3)
- PUBP 6777: Analysis of Emerging Technologies (3)

BS/MS Public Policy

The School of Public Policy offers a BS/MS program for students enrolled in the undergraduate program who demonstrate an interest in and ability for additional education beyond the BS degree.

Students in the BS/MS program remain undergraduates until they meet requirements for the undergraduate degree, at which point they receive their BS degree and change to graduate status. Students are eligible to apply for the program after completion of 30 semester credit hours at Georgia Tech (i.e., at the end of their first year), and if they show appropriate progress in their degree program thereafter. Admissions decisions will be based on GPA and judgments of the faculty who have served as advisors or instructors. Continuation in the program requires the student to maintain a GPA of 3.0 or higher in public policy courses. Students participating in this program will be eligible for the six semester credit-hour Graduate Course Option, which allows students completing both the bachelor’s and master’s in the same discipline to use up to 6 credit hours of graduate-level coursework in the major discipline for both degrees.

The graduate-level credits required in the BS/MS Program are usually as follows:

- Core: 22
- Electives: 12
- Research Paper: 3
- Total Credit Hours: 37

Specific Requirements for the Program

Required Courses

- PUBP 6001: Introduction to Public Policy (1)
- PUBP 6010: Ethics, Epistemology, and Public Policy (3)
- PUBP 6112: Research Design in Policy Science (3)
- PUBP 3130: Research Methods and Problem Solving (3)
- PUBP 6114: Applied Policy Methods and Data Analysis (3)
- PUBP 6116: Microeconomic Analysis in Public Policymaking (3)
- PUBP 6118: Public Finance and Public Policy (3)
- PUBP 6210 (3)
- Select one of the following:
  - PUBP 6014 Organization Theory (3)
  - PUBP 6017 Public Management (3)
  - PUBP 6018 Policy Implementation and Administration (3)

Concentration

- Concentration (6)
- Total Credit Hours: 31

1 NOTE: This course should be taken as an undergraduate instead of PUBP 3130 and will count for both programs.

2 Students are required to develop, in consultation with their advisor, a six credit hour concentration in an area or specialty relevant to public policy and management (e.g. environmental policy, science and technology policy, urban policy, economic development, information and communications policy, policy evaluation, public management).

Contact the BS PP program director for further information.
BS/MS Information (http://spp.gatech.edu/graduate-programs/five-year-bsms-program)