The requirements listed below pertain to all students matriculating in August 2019 and January 2020. All of the following sections are required to be completed to graduate. Courses in areas 1-13 must be taken for a Letter Grade.

<table>
<thead>
<tr>
<th>Overall Credits (REQUIRED)</th>
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<tbody>
<tr>
<td>Total: 120 credits</td>
</tr>
<tr>
<td>Human Ecology: 43 credits</td>
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<tr>
<td>Human Ecology, outside the major: 9 credits (from DEA, FSAD, HD, NS at any level or HE at the 3000/4000 level)</td>
</tr>
</tbody>
</table>

1. **PAM Required Courses** (27 credits)
   - Take all of the following:
     - PAM 2000 Intermediate Microeconomics (prerequisite ECON 1110)
     - PAM 2030 Population and Public Policy
     - PAM 2040 Economics of the Public Sector (prerequisite PAM 2000)
     - PAM 2101 Statistics for Policy Analysis and Management Majors
     - PAM 2300 Introduction to Policy Analysis
     - PAM 3100 Multiple Regression Analysis (prerequisite PAM 2101)
     - PAM 3300 Cost-Benefit Analysis (prerequisites PAM 2000, PAM 2300)

2. **PAM 3000/4000 Electives** (18 credits)
   - Students must take a minimum of 18 credits of 3000 or 4000 level PAM courses in addition to the PAM Core Requirements.
   - **Note:** PAM 4000, 4010, 4020, 4030, 4060, 4980, and 4990 may not be used to fulfill this requirement.
   - **Note:** A maximum of 3 credits from PAM 4900 can be used.

3. **Additional PAM Electives** (3 credits)
   - Any 3 additional PAM credits (except PAM 1200 & PAM 4030) OR
   - ECON 1120 Introductory Macroeconomics (if taken at Cornell)

4. **First Year Writing Seminars** (6 credits)
   - **Note:** The 2 required first year writing seminar courses must be completed during the first two semesters at Cornell.

5. **Introductory Microeconomics** (3 credits)
   - ECON 1110 Introductory Microeconomics

6. **Introduction to Sociology** (3 credits)
   - Choose one of the following:
     - SOC 1101 Introduction to Sociology
     - DSOC 1101 Introduction to Sociology
     - PAM 2250 Social Problems in the U.S.
   - **Note:** PAM 2250 cannot count for both the Introduction to Sociology requirement AND the Additional PAM Electives requirement.

7. **Human Development or Psychology** (3 credits)
   - Choose one of the following:
     - HD 1150 Human Development: Infancy and Childhood
     - PSYCH 1101 Introduction to Psychology

8. **Mathematics** (3-4 credits)
   - Either of the following:
     - Score of 4 or 5 on AP Calculus BC exam OR
     - Any 3 credit Cornell math course except MATH 1101 and MATH 1710
   - **Note:** If this requirement is not satisfied with AP Calculus BC then the MATH course must be taken at Cornell.
   - **Note:** AP Calculus AB credit (a score of 4 or 5) may be applied as elective credits, but does not fulfill this requirement.

9. **Government** (4 credits)
   - GOVT 1111 – Introduction to American Government and Politics
10. Natural Science I  (**3-4 credits**)
Choose one of the following:

<table>
<thead>
<tr>
<th>BIOLOGY</th>
<th>CHEMISTRY</th>
<th>PHYSICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOC 1140</td>
<td>CHEM 1560 or CHEM 2070</td>
<td>PHYS 1101 or PHYS 2207</td>
</tr>
<tr>
<td>BIOC or BIOC 1445</td>
<td>BIOC 1610 or CHEM 2080</td>
<td>PHYS 1102 or PHYS 2208</td>
</tr>
<tr>
<td>BIOL 1140</td>
<td>AP Biology score of 5</td>
<td>AP Chemistry score of 5</td>
</tr>
</tbody>
</table>

**Note:** If AP isn’t used to satisfy the requirement, then the course must be taken at Cornell.

**Note:** No lab is required.

11. Natural Science II (**3-4 credits**)
Choose any 3-4 credit course with a PBS, BIOLS-AG, or BIONLS-AG Course Distribution

**Note:** No AP credit allowed, course must be taken at Cornell.

12. Ethics (**3 credits**)
Choose one of the following:

**Note:** Any three credit ethics class may suffice. You can check with the PAM Director of Undergraduate Studies.

- BSOC 2051 // STS 2051 Ethics in Health and Medicine
- BSOC 2061 // STS 2061 // PHIL 2460 Ethics and the Environment
- BSOC 4071 Law, Science and Public Value
- COMM 4300 Ethics in New Media, Technology, and Communication
- CRP 3011 Ethics, Development, and Globalization
- ECE 3600 Ethical Issues in Engineering Practice
- ILRLR 3830 Workers Rights as Human Rights
- ILRLR 4820 Ethics at Work
- ILRLR 4880 American Ideals
- ILRLR 4075 Values, Rights, and Justice at Work
- ILRST 3130 The Ethics of Data Analysis
- INFO 1200 // STS 1201 Information, Ethics, Law, and Policy
- INFO 2750 Ethical Issues in Intelligent Autonomous Systems
- NTRES 3320 Intro to Ethics and the Environment
- PHIL 1440 Ethics of Eating
- PHIL 1450 Contemporary Moral Issues
- PHIL 2410 Ethics
- PHIL 2420 Social and Political Philosophy
- PHIL 2450 Ethics and Health Care
- PHIL 2455 // STS 2451 Introduction to Bioethics
- PHIL 2941 // ASRC 3333 Ethics and Society: Aid and Its Consequences
- PHIL 3410 Ethical Theory
- PHIL 3460 Modern Political Philosophy
- PHIL 3480 Philosophy of Law

13. Additional Requirements (**6 credits**)
Any course with the Course Distribution PBS, BIOLS-AG, BIONLS-AG, SBA, KCM, MQR, LA, CA, or HA. Language courses may count here.

14. Electives (**Variable**)
Any courses that are not taken in Areas 1-13 above, count as Electives.

15. Physical Education Requirement (**2 courses**)
Physical Education must be completed in order to graduate. However, physical education does not count toward college and university minimum credit requirements for full-time status, nor does it count towards the 120 credits required for graduation.

16. Swim Test Requirement
A successful swim test must be completed in order to graduate.
College Polices:

- **120 Overall Credits**
  - Students must complete 120 credits toward graduation.
  - A maximum of 15 credits of AP credit and in absentia credit can count towards the 120 total credits.
  - 15 credits of Study Abroad/Exchange and Cornell-In-Washington or 12 credits of Capital Semester can count towards total electives.

- **43 HE Credits**
  - Students must complete a minimum of 43 HE credits.
  - HE non-departmental courses at the 2000-level and below do not count toward the 43 HE credits.
  - Students must complete 5 HE credits by the end of the freshmen year and 12 HE credits by the end of the sophomore year.

- **9 HE Credits outside the major**
  - Students must complete a minimum of 9 HE credits outside of PAM. These credits are given for any Human Ecology course outside your major (except 4030). These can be taken S/U only if course is NOT used to fulfill a curriculum requirement.

- **Pass/Fail Courses [S/U]**
  - S/U grading option may NOT be used for any required course (Areas 1-13) unless it is the only grade option offered for those courses.
  - S/Us MAY be used for the 9 HE Credits outside the major and for electives in Area 14.
  - Students may apply no more than 12 credits of S/U towards graduation requirements. If a required course is only offered S/U, it will not count towards this limit. Students may take more S/Us if they choose, but the additional credit will not be applied towards graduation.
  - The **deadline for changing grade options is the 57th calendar day of the semester**, the same as the “drop” deadline.

- **Special Study Courses [4000, 4010, 4020, 4030]**
  - A maximum of 12 credits of special study course work from Human Ecology or other colleges will count towards the 120 overall credits. Courses will be indicated on the class roster with a Component of either IND or RSC. [Additional credits can be taken but will not be applied.]
  - A maximum of 12 credits of 4000-4030 may count toward the 43 HE credit requirement.
  - A maximum of 3 credits of 4000-4020 (not including 4030) may count towards the 9 HE credits outside the major requirement as long as the special study is in a department outside the student’s major.
  - Students cannot TA (4030) the same course for credit more than once or take and TA the same course simultaneously. 4030 does not fulfill any requirements towards the major. Registration for 4030 may not exceed 5 credit hours per semester.
Suggested Courses Depending on Career Interests
Note: There is no requirement in PAM to complete a concentration, these are merely suggestions.

Economics of Policy Analysis
PAM 3080 Economics of the U.S. Social Safety Net
PAM 3120 Research Design, Practice, and Policy
PAM 3130 Behavioral Economics and Public Policy
PAM 3190 Nonprofits and Public Policy
PAM 3400 The Economics of Consumer Policy
PAM 3550 Economics of Education
PAM 3670 Economics and Environmental Policy
PAM 3870 Economic Evaluation in Health Care
PAM 4070 Early Childhood Policy and Economics
PAM 4101 Causal Reasoning and Policy Evaluation 1
PAM 4102 Causal Reasoning and Policy Evaluation 2
PAM 4280 The Economics of Risky Health Behaviors
PAM 4370 Economics of Health Care Markets
ECON 1120 Introductory Macroeconomics
AEM 3310 Introduction to Business Regulation
AEM 4150 Price Analysis

Law and Regulation
PAM 2350 The U.S. Health Care System
PAM 2610 Incarceration Nation
PAM 3170 Market Regulation
PAM 3240 Risk Management and Policy
PAM 3340 Corporations, Shareholders and Policy
PAM 3400 The Economics of Consumer Policy
PAM 3410 Consumer Protection and Law
PAM 3440 Regulating Financial Institutions
PAM 3670 Economics and Environmental Policy
PAM 4640 Regulation and Infrastructure Policy
AEM 3200 Business Law I
AEM 3210 Business Law II
COMM 4280 Communication Law
ECON 3800 Economics and the Law
GOVT 3131 The Nature, Functions, and Limits of Law
HADM 4890 The Law of the Internet and E-Commerce
HD 3190 Memory and the Law

Health Care Policy and Management
PAM 2350 The US HealthCare System
PAM 3110 Pharmaceutical Management and Policy
PAM 3180 Health Disparities
PAM 3280 Fundamentals of Population Health
PAM 3440 Regulating Financial Institutions
PAM 3780 Sick Around the World?
PAM 3870 Economic Evaluation in Health Care
PAM 4140 Global Health Economics Policy
PAM 4280 Economics of Risky Health Behaviors
PAM 4370 Economics of Health Care Markets
PAM 5500 Senior Care and Related Facilities
PAM 5740 Fundamentals of Health Facility Planning for Managers
PAM 5760 Long-Term Care and Lifestyle Alternatives for Older Adults
PAM 5900 Special Topics in Health Administration and Finance
AEM 1200 Introduction to Business Management
AEM 2210 Financial Accounting
AEM 2241 Finance
AEM 4450 Food Policy for Developing Countries
NS 2600 Introduction to Global Health
NS 4570 Health, Poverty, and Inequality: A Global Perspective

Applied Demographic Analysis
PAM 2208 Social Inequality
PAM 2220 Controversies about Inequality
PAM 2390 Modern Romance
PAM 2610 Incarceration Nation
PAM 3280 Fundamentals of Population Health
PAM 3370 Race and Public Policy
PAM 3620 Population Controversies in Europe (Cornell in Turin)
PAM 3850 Applied Demography in Business and Government
PAM 4080 Demographic Techniques
PAM 4160 Ethnography of Poverty and Inequality
DSOC 2010 Population Dynamics
DSOC 3050 Education, Inequality, and Development
DSOC 4380 Population and Development
HD 4570 Health and Social Behavior
NS 6520 The Foundations of Epidemiology
SOC 2650 Latinos in the United States
SOC 3710 Comparative Social Inequality

Family and Social Welfare Policy
PAM 2220 Controversies About Inequality
PAM 2250 Social Problems in U.S.
PAM 2390 Modern Romance
PAM 3040 Immigration and Public Policy
PAM 3080 Economics of the U.S. Social Safety Net
PAM 3120 Research Design, Practice, and Policy
PAM 3150 Social Welfare Policy in the United States
PAM 3160 Labor Markets and Public Policy
PAM 3250 Neighborhoods, Housing, and Urban Policy
PAM 3360 Evolving Families: Challenges to Public Policy
PAM 3370 Race and Public Policy
PAM 3550 Economics of Education
PAM 3620 Population Controversies in Europe (Cornell in Turin)
PAM 4070 Early Childhood Policy and Economics
PAM 4101 Causal Reasoning and Policy Evaluation 1
PAM 4102 Causal Reasoning and Policy Evaluation 2
PAM 4160 Ethnography of Poverty and Inequality
PAM 4470 Families and Social Inequality
PAM 5760 Long-term Care and Life Style Alternatives for the Older Adult
HD 1170 Adolescence and Emerging Adulthood
HD 2510 Social Gerontology: Aging and the Life Course
SOC 3570 Schooling, Racial Inequality, and Public Policy in America

Management in the Public or Private Sectors
PAM 2350 The U.S. Health Care System
PAM 3110 Pharmaceutical Management and Policy
PAM 3130 Behavioral Economics and Public Policy
PAM 3340 Corporations, Shareholders, and Policy
PAM 3400 The Economics of Consumer Policy
PAM 3440 Regulating Financial Institutions
PAM 4370 Economics of Health Care Markets
AEM 1200 Introduction to Business Management
AEM 2210 Financial Accounting
AEM 2241 Finance
AEM 3200 Business Law I
AEM 3210 Business Law II
AEM 3230 Managerial Accounting
AEM 4140 Behavioral Economics and Managerial Decisions
AEM 4150 Price Analysis
HADM 4410 Strategic Management
NBA 3000 Entrepreneur and Private Equity