University College Bachelor of Science in  
SUSTAINABILITY (U19)  
Advisor _____________

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<tr>
<th>Student ID#__________________</th>
<th>Student Name____________________________</th>
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<tr>
<th>Units</th>
<th>Course Description</th>
<th>Transfer Credits</th>
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<td>Max 84 (66 from a 2 year college)</td>
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**BASIC REQUIREMENTS – in effect Spring 2019**

- **English Composition**
  - U11 111 Analytical Writing
  - U11 203 Critical and Researched Writing
  - Advanced writing course—choose one:
    - U11 304 Exposition
    - U11 3120 Argumentation
    - U11 324 Writing for Public Speaking
    - U11 331 Technical Writing
  
  9 units

- **Cultural Diversity**
  Designated by CD attribute on course listing
  3 units

- **Moral Reasoning**
  Designated by ML attribute on course listing
  3 units

- **Numerical Applications**
  3 units

**DISTRIBUTION REQUIREMENTS - A maximum of six units of credit from the same discipline may apply toward any distribution requirement.**

- **Humanities**
  Courses from Art History, Classics, History, Literature, Philosophy, and Religious Studies
  9 units

- **Social Sciences**
  Courses from Anthropology, Economics, History, Political Science, Psychology, and Sociology
  9 units

- **Natural Sciences and Mathematics**
  Courses from Biology, Chemistry, Earth & Planetary Sciences, Mathematics, Physics, and other Sciences
  9 units

- **Languages and the Arts**
  Courses from Creative Writing, Dance, Drama, Film Studies, Foreign Languages, Music, Speech, and Studio Art
  9 units

Updated September 2019
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<td><strong>MAJOR REQUIREMENTS</strong> - At least half the credits for the major and at least 30 units of advanced (300-400 level) courses must be completed at Washington University.</td>
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<td>18</td>
<td><strong>Required Core Courses</strong>&lt;br&gt; - U19 205 Foundations and Practice of Sustainability&lt;br&gt; - U19 328 Environmental Law: Applications Toward Sustainability&lt;br&gt; - U19 368 Sustainability as Transformative Agent in Business and Public Policy&lt;br&gt; - U29 413 Environmental Science: Regional and Global Perspectives&lt;br&gt; - U44 364 Strategic Planning&lt;br&gt; - U19 450 Sustainability Capstone</td>
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<td>18</td>
<td><strong>Sustainability Electives</strong>&lt;br&gt; Students must complete 18 units of elective coursework, either by pursuing one of the concentrations below or by selecting individual courses of interest with advisor approval.</td>
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<td><strong>Optional Sustainability Concentrations</strong></td>
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<td><strong>Sustainable Environment &amp; Science</strong>&lt;br&gt; Choose from these or others with advisor approval:&lt;br&gt; - U25 3312 Environmental and Energy Issues&lt;br&gt; - U29 419 Ecology&lt;br&gt; - U29 4631 Urban Agriculture &amp; Sustainable Food Systems&lt;br&gt; - U69 3795 Anthropology and Climate Change: Past, Present, and Future&lt;br&gt; - U90 200 Introduction to GIS&lt;br&gt; OR U90 303 Digital Cartography</td>
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<td><strong>Sustainable Management &amp; Organizations</strong>&lt;br&gt; Choose from these or others with advisor approval:&lt;br&gt; - U07 355 Environmental Economics&lt;br&gt; - U22 234 Business Ethics&lt;br&gt; - U44 324 Principles of Project Management&lt;br&gt; OR U44 224 Introduction to Project Management&lt;br&gt; - U44 290 Design Thinking: Human-Centered Approaches to Making the World&lt;br&gt; - U44 303 Introduction to Supply Chain Management&lt;br&gt; - U44 339 Principles of Management</td>
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### Urban Sustainability
*Choose from these or others with advisor approval:*
- U19 317 Urban Ecology: Principles and Practice
- U19 319 Planning Sustainable Communities
- U19 325 Introduction to Resilience
- U19 329 The Metropolis
- U90 200 Introduction to GIS
OR U90 303 Digital Cartography

### General Electives
*Recommended Courses*
- U07 1011 Introduction to Microeconomics
- U29 209 Introduction to Environmental Studies

### UNOFFICAL EVALUATION
Total earned units of credit (120 required for the Bachelor of Science):
**BASIC REQUIREMENTS** (in effect Spring 2019)

A single course can count toward any two of the following categories: major requirements; basic requirements for numerical applications, cultural diversity, or moral reasoning; distribution requirements.

**English Composition** (9 units of credit)
All required English Composition courses must be completed at Washington University with a minimum grade of C.

- U11 111 Analytical Writing
- U11 203 Critical and Research Writing
- Advanced writing course—choose one:
  - U11 304 Exposition
  - U11 3120 Argumentation
  - U11 324 Writing for Public Speaking
  - U11 331 Technical Writing

**Cultural Diversity** (3 units of credit)
Courses that satisfy the cultural diversity explore issues of global human diversity and the interactions among cultures, with a focus on societies of Africa, East Asia, South Asia, Latin America, or the Middle East, or indigenous peoples of the Americas. Designated by CD on course listings.

**Moral Reasoning** (3 units of credit)
Designated by ML on course listings.

**Numerical Applications** (3 units of credit)
Numerical Applications course must be completed with a minimum grade of C.

- Any course from the Math department, including statistics and programming courses, except U20 140 Algebra
- U03 117 Quantitative Reasoning
- U07 231 Economic Statistics
- U09 300 Introductory Psychological Statistics
- U25 323 Introduction to Quantitative Methods

**DISTRIBUTION REQUIREMENTS**
A maximum of six units of credit from the same discipline may apply toward any distribution requirement. A given History course may satisfy either the Humanities or Social Sciences requirement, but not both. Please seek advisor approval if you are unsure whether a course satisfies a particular requirement.

**Humanities** (9 units of credit)
Art History, Classics, History, Literature, Philosophy, and Religious Studies

**Social Sciences** (9 units of credit)
Anthropology, Economics, History, Political Science, Psychology, and Sociology

**Natural Sciences and Mathematics** (9 units of credit)
Biology, Chemistry, Earth and Planetary Sciences, Mathematics, Physics, and Science

**Languages and the Arts** (9 units of credit)
Creative Writing, Dance, Drama, Film Studies, Foreign Languages, Music, Speech, and Studio Art

**MAJOR IN SUSTAINABILITY**

**Required Courses** (18 units of credit)
- U19 205 Foundations and Practice of Sustainability
- U19 328 Environmental Law: Applications Toward Sustainability
- U19 368 Sustainability as Transformative Agent in Business and Public Policy
- U29 413 Environmental Science: Regional and Global Perspectives
- U44 364 Strategic Planning
- U19 450 Sustainability Capstone

**Sustainability Electives** (18 units of credit)
Students must complete 18 units of elective coursework, either by pursuing one of the concentrations below or by selecting individual courses of interest with advisor approval.

**Sustainable Environment & Science**
Choose from these or others with advisor approval:
- U25 3312 Environmental and Energy Issues
- U29 419 Ecology
- U29 4631 Urban Agriculture & Sustainable Food Systems
- U69 3795 Anthropology and Climate Change: Past, Present, and Future
- U90 200 Introduction to GIS
  OR U90 303 Digital Cartography

**Sustainable Management & Organizations**
Choose from these or others with advisor approval:
- U07 355 Environmental Economics
- U22 234 Business Ethics
- U44 324 Principles Project Management
  OR U44 224 Introduction to Project Management
- U44 290 Design Thinking: Human-Centered Approaches to Making the World
- U44 303 Introduction Supply Chain Management
- U44 339 Principles of Management

**Urban Sustainability**
Choose from these or others with advisor approval:
- U19 317 Urban Ecology: Principles and Practice
- U19 319 Planning Sustainable Communities
- U19 325 Introduction to Resilience
- U19 329 The Metropolis
- U90 200 Introduction to GIS
  OR U90 303 Digital Cartography

**ADDITIONAL DEGREE REQUIREMENTS**

**GPA requirements:** To receive the Bachelor of Science degree, you must maintain a 2.0 cumulative GPA and receive a grade of C- or better in all courses applied to your major.

**Residency Requirement:** You must complete the final 36 units of credit work toward the Bachelor of Science degree at Washington University. At least half the credits for the major and at least 30 units of advanced (300-400 level) courses must be completed at Washington University.

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