**COLUMBIA UNIVERSITY**  
**UNDERGRADUATE PROGRAM IN SUSTAINABLE DEVELOPMENT**  
**PROGRAM REQUIREMENT CHECKLISTS**

<table>
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<tr>
<th>Last Name:</th>
<th>First Name:</th>
<th>UNI:</th>
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### Part I. Sustainable Development Foundation (3 courses)

- [ ] SDEV UN1900: Introduction to Sustainable Development Seminar  
- [ ] SDEV UN2300: Challenges of Sustainable Development  
- [ ] EESC UN2330: Science for Sustainable Development

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
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<tbody>
<tr>
<td>SDEV UN1900</td>
<td>3</td>
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<tr>
<td>SDEV UN2300</td>
<td>4</td>
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<tr>
<td>EESC UN2330</td>
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### Part II. Basic Disciplinary Foundation (5 courses)

#### Science Sequence (Choose 1)

- [ ] EEEB UN2001: Environmental Biology I  
- [ ] CHEM UN1403: General Chemistry I  
- [ ] PHYS UN1201: General Physics I  
- [ ] EESC UN2100: Earth’s Env. Syst: Climate  
- [ ] EESC UN2100: Earth’s Env. Syst: Climate  
- [ ] EESC UN1600: Earth Res. & Sus. Dev.

#### Quantitative Foundation (Choose 1)

- [ ] STAT UN1211: Introduction to Statistics (w/ Calculus)  
- [ ] STAT UN3105: Appl. Stat. Methods  
- [ ] STAT UN2103: Appl. Lin. Reg. Analysis  
- [ ] MATH UN2010: Linear Algebra  
- **EESC BC3017: Env. Data Analysis**  
- [ ] EEEB UN3005: Intro. Stat. EEEB

### Part III. Analysis And Solutions To Complex Problems (2 courses)

- [ ] CIEE E3260: Engineering for Dev. Communities  
- [ ] EEEC BC3032: Agricultural & Urban Land Use  
- [ ] SDEV UN3330: Ecological and Social Sys. for SDEV  
- [ ] SDEV UN3360: Disasters and Development  
- [ ] SDEV UN3410: Urbanization and Sustainability  
- [ ] SDEV UN3355: Climate Change & Law  
- [ ] PLAN A4579: Introduction to Environmental Planning  
- [ ] SEE-U: YEAR: CREDITS:  
- [ ] ANTH BC3932: Climate Change, Global Migration, & Human Rights in the Anthropocene

### Part IV. Skills / Actions (2 courses)

- [ ] SDEV UN3450: Spatial Analysis and Modeling for Sustainable Development  
- [ ] SDEV UN3390: GIS for Sustainable Development  
- [ ] SDEV UN3405: Global Assessment Remote Sensing  
- [ ] SDEV UN3410: Sustainability Management  
- [ ] SDEV UN3450: Global Assessment Remote Sensing  
- [ ] SDEV UN3410: Sustainability Management

### Part V. Electives (2 courses)

- [ ] Additional courses from Analysis and Sol. to Complex Problems  
- [ ] Additional courses from Skills/Actions  
- [ ] Senior Thesis Seminar: EEEC BC3800 and EESC BC3801  
- [ ] Upper division course(s) from the Pre-Approved List

### Part VI. Practicum (1 course)

- [ ] SUMA PS4734: Earth Institute Practicum  
- [ ] INAF U4420: Oil, Rights and Development  
- [ ] SDEV UN3998: Sus. Dev. Individual Research  
- [ ] SUMA PS4310: Innovation Sustainability Leadership

### Part VII. Capstone Workshop (1 course)

- [ ] SDEV UN3280: Workshop in Sustainable Development  
- [ ] SDEV W3350: Bangladesh Workshop

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1. A letter grade of C- or better is needed in all program-related courses to satisfy the requirements for the major.  
2. EAE 2100 S Better Planet By Design will not be approved as a Science Sequence after Fall 2016.  
3. EESC 1600 & EESC 4600 are separate sections of Earth Resources & Sustainable Development. 1600 can only be applied to the science sequence and 4600 will only be accepted for Analysis and Solutions. Transfers between requirements is not permitted.