

Sample ECE Programs for a Junior-Year Semester Abroad

Junior-Year FALL Semester Abroad

| JUNIOR YEAR | |
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| Fall Semester Abroad | Spring Semester in Durham |
| 1. ECE 53L, Electromagnetic Fields | 1. ECE Concentration Course (2) |
| 2. ECE Concentration Course (1) | 2. ECE Elective |
| 3. SS-H 3 | 3. MATH 108, Ordinary & Partial Differential Equations |
| 4. SS-H 4 | 4. SS-H 5 |
| SENIOR YEAR | |
| Fall Semester in Durham | Spring Semester in Durham |
| 1. ECE Concentration Course (3) | 1. ECE Concentration Course (4) |
| 2. STA 113, Probability & Statistics or MATH 135, Probability or ECE 255, Probability for ECEs | 2. Approved ECE Design Elective or ECE Elective |
| 3. ECE Elective or Approved ECE Design Elective | 3. Free Elective |
| 4. Free Elective | 4. Free Elective |

Junior-Year SPRING Semester Abroad

| JUNIOR YEAR | |
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| Fall Semester in Durham | Spring Semester Abroad |
| 1. ECE 53L, Electromagnetic Fields | 1. ECE Concentration Course (2) |
| 2. ECE Concentration Course (1) | 2. ECE Elective |
| 3. MATH 108, Ordinary & Partial Differential Equations | 3. SS-H 4 |
| 4. SS-H 3 | 4. SS-H 5 |
| SENIOR YEAR | |
| Fall Semester in Durham | Spring Semester in Durham |
| 1. ECE Concentration Course (3) | 1. ECE Concentration Course (4) |
| 2. STA 113, Probability & Statistics or MATH 135, Probability or ECE 255, Probability for ECEs | 2. Approved ECE Design Elective |
| 3. ECE Elective | 3. Free Elective |
| 4. Free Elective | 4. Free Elective |

NOTES:

- Study-Abroad Program Students interested in studying abroad should explore possibilities at the [Duke Study Abroad Office](#) and then discuss their personal interests and options with their Pratt Faculty Advisor and with the ECE Director of Undergraduate Studies (DUS).
- **FIRST and SOPHOMORE YEARS:** Follow standard Durham sample programs. See NOTES in sample programs for additional guidance.
- **Full-Year Abroad:** A full two-semester Junior Year Abroad is also possible, but is usually only feasible for students entering Duke with multiple Advanced Placement (AP) credits and a demonstrated interest in a specific overseas country and its culture.
- **Approved ECE Design Elective:** This required course must be taken at Duke in Durham; it may **not** be taken abroad.
- **Courses taken abroad:** Courses shown are their Duke equivalents as certified by the ECE Director of Undergraduate Studies (DUS). Options vary by university and semester.

Many universities abroad have courses equivalent to ECE 53L, ECE 141, ECE 180, and other first courses among the ECE Concentration Electives. The above Sample Program for the Fall Semester Abroad assumes that courses equivalent to ECE 53L and a Concentration Elective exist and that such courses have been elected. If appropriate courses are not available in the relevant semester, students should investigate course alternatives, discuss options with the ECE Director of Undergraduate Studies (DUS) to verify that these are ECE-approved equivalents, and adjust the above program accordingly, usually by substituting the missing ECE-required courses for the Senior-year Electives. It is feasible to take more than one Concentration Elective in a semester.

Slightly different assumptions are built into the Sample Program for the Spring Semester Abroad, but similar comments apply *mutatis mutandis*.