



## Princeton-Smith Student Exchange in Engineering

### Program Overview

#### Engineering Exchange Program

An exchange program between Princeton University and Smith College permits students from Smith's Picker Engineering Program to study at Princeton and engineering students from Princeton to study at Smith. Both programs share the goal of producing leaders for the 21<sup>st</sup> century and the belief that successful engineers can identify the needs of society and direct their talents toward meeting them. The exchange will afford students on both campuses the opportunity to have a rich experience in a social and academic environment that differs considerably from that of their home institution. At Smith, Princeton students will have an opportunity to live and study in a community where small classes afford extensive opportunities for close contact and collaboration with faculty and peers in a curriculum that stresses integration with the Liberal Arts, and where 100% of the engineering students and over 60% of the faculty are women. The Picker Engineering Program has special strengths in biomedical engineering and engineering for sustainability. At Princeton, Smith students will be exposed to an engineering community that includes about 750 undergraduates (of about 4600 total) 500 graduate students and 130 faculty members across six engineering departments: Chemical Engineering, Civil and Environmental Engineering, Computer Science, Electrical Engineering, Mechanical and Aerospace Engineering, and Operations Research and Financial Engineering. The course offerings, research facilities and independent research opportunities are extensive.

#### Program of Study

Students will exchange in the Spring semester of their junior year. The typical load is four courses at both institutions, though a course load of up to five can be accommodated. Students can choose from any of the courses offered at both institutions. Typically, at both institutions a program of study would comprise two or three technical courses, junior independent work or a junior project course, and a course in the humanities or social sciences. Students are encouraged to carry out an independent research project during the term. Programs of study will be approved by advisers at Princeton and Smith.

#### Independent Research Project

A visiting Smith student will be a member of the department that matches best with her primary interests. Those Smith students who choose to do an independent research project may be invited to continue their independent research project into the summer between their junior and senior years so as to complete a substantial piece of research. The summer component of the visiting student's research program would be supported by a stipend from the faculty member with whom the research is conducted. All visiting Princeton students will be a part of the Picker Engineering Program and are welcome to contact a faculty member directly if they are interested in pursuing an independent research project.

#### Admission

Prior to applying for admission to the program, a student should discuss the course and research opportunities with her academic adviser or department rep, the Assistant Director of the Picker Engineering Program at Smith, or the Associate Dean for Undergraduate Affairs of the School of Engineering and Applied Science at Princeton. The student may be directed to the appropriate faculty members at Princeton or Smith to further explore research opportunities.



## Princeton-Smith Student Exchange in Engineering

### Program Overview

#### Tuition, Fees, Housing, Dining

Smith College students accepted for the Smith-Princeton Exchange Program are charged their normal home college tuition and fees. These costs are paid to Smith College. The room and board charges will be paid directly to Princeton University. Students provide their own transportation to and from Princeton. Students on financial aid normally receive their regular assistance while on the Exchange Program. Housing would be in Princeton University dormitories for juniors and seniors. Several dining options exist, including purchase of a Princeton University dining contract, independent self-catering, and possibly membership in an eating club. The attached Student Financial Services forms provide additional detail.

#### Princeton Life

Members of Princeton undergraduate engineering societies, including the Society of Women Engineers, the Tau Beta Pi engineering honor society, the Engineering Council, and departmental organizations, will play an active role in welcoming visiting Smith students and involving them in the engineering community and undergraduate life at Princeton. With the exception of varsity intercollegiate athletics, which are bound by strict NCAA rules, visiting Smith students are welcome to explore participation in all types of extracurricular activities that interest them.

#### Smith Life

Members of the Society of Women Engineers, the Tau Beta Kappa engineering honor society, will play an active role in welcoming Princeton students and involving them in the engineering community and undergraduate life at Smith. Additionally, residential life at Smith is considered an important part of a traditional-aged student's education. Smith is committed to a co-curricular environment that enhances and enriches the academic program: residential living is an integral part of that education.

Northampton, officially designated as the number one small town for arts in the country in a recent edition of *The 100 Best Small Art Towns in America*, by John Villani, is a lively town of 30,000 combining small-town ambiance with big-city offerings and is a bustling hub of activity, both day and night.

#### Smith Application

Application for Smith Students is a two-step process.

1. Application materials are due in February and the Picker Engineering Faculty will nominate candidates in the spring semester. Candidates will be required to supply an official copy of their academic transcript at the conclusion of the semester.
2. The application(s) for the nominee(s) will be forwarded to Princeton for evaluation. Approval of candidacy occurs in the fall semester at Princeton.

#### For More Information

Principal Smith contact: Martin J. Green, Assistant Director  
[mjgreen@smith.edu](mailto:mjgreen@smith.edu), phone: 413-585-7576  
Smith engineering website: <https://www.smith.edu/engin/>  
Smith course catalog: [https://www.smith.edu/acad\\_catalogs.php](https://www.smith.edu/acad_catalogs.php)  
Smith calendar: <https://www.smith.edu/academics/academic-calendar/>

Principal Princeton contact: Peter Bogucki, Associate Dean for Undergraduate Affairs  
[bogucki@princeton.edu](mailto:bogucki@princeton.edu), phone: 609-258-4554  
Princeton engineering website: <https://engineering.princeton.edu>  
Princeton course offerings: <https://registrar.princeton.edu/course-offerings/>  
Princeton registrar/calendar: <https://registrar.princeton.edu/academic-calendar/>



**APPLICATION FOR**  
**PRINCETON-SMITH EXCHANGE IN ENGINEERING**  
**SPRING TERM**



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Please complete this form and *all required attachments* **before 4:00pm February 19, 2021.**

Smith students send to: Martin J. Green, Assistant Director, Ford Hall 155

Princeton students send to: Dean Bogucki, SEAS Dean's Office, C-205 Engineering Quad

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**PERSONAL INFORMATION**

LAST NAME: \_\_\_\_\_ FIRST NAME: \_\_\_\_\_

DATE OF BIRTH: \_\_\_\_\_ GENDER: \_\_\_\_\_

CITIZENSHIP: \_\_\_\_\_

ACADEMIC MAJOR: \_\_\_\_\_

CERTIFICATE PROGRAM (IF RELEVANT): \_\_\_\_\_

**CURRENT ADDRESS:** \_\_\_\_\_ **VALID FROM:** \_\_\_\_\_

\_\_\_\_\_  
To: \_\_\_\_\_

\_\_\_\_\_  
PHONE: \_\_\_\_\_

\_\_\_\_\_  
FAX: \_\_\_\_\_

\_\_\_\_\_  
E-MAIL: \_\_\_\_\_

**PERMANENT ADDRESS: (IF DIFFERENT)** \_\_\_\_\_ **VALID FROM:** \_\_\_\_\_

\_\_\_\_\_  
To: \_\_\_\_\_

\_\_\_\_\_  
PHONE: \_\_\_\_\_

\_\_\_\_\_  
FAX: \_\_\_\_\_

\_\_\_\_\_  
E-MAIL: \_\_\_\_\_

**EMERGENCY CONTACT: (I.E., PARENT OR GUARDIAN)**

NAME: \_\_\_\_\_ ADDRESS: \_\_\_\_\_

RELATIONSHIP: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

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**ACADEMIC REFERENCE WHO WILL BE WRITING ON YOUR BEHALF**

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NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_

DEPARTMENT: \_\_\_\_\_ EMAIL: \_\_\_\_\_



**APPLICATION FOR  
PRINCETON-SMITH EXCHANGE IN ENGINEERING  
SPRING TERM**



**APPLICATION REQUIREMENTS TO ACCOMPANY THIS FORM:**

1. Statement of your personal and academic goals
2. Unofficial copy of your academic transcript (available from BannerWeb)
3. Confidential, sealed academic reference (Smith applicants need only to submit the name of the Picker Engineering Professor who will provide the academic reference for the February deadline.)
4. Copy of your current resume

**PLEASE SELECT A TENTATIVE ACADEMIC PROGRAM:**

For Smith courses please refer to the Smith website: [http://www.smith.edu/acad\\_catalogs.php](http://www.smith.edu/acad_catalogs.php)

For Princeton courses please refer to the Princeton website: <http://registrar.princeton.edu/course-offerings/>

**List the courses you intend to take at the host institution and its equivalent course at your home institution, where appropriate.**

| Spring Term: _____                    |               |             |                   |                                |               |             |
|---------------------------------------|---------------|-------------|-------------------|--------------------------------|---------------|-------------|
| Visiting/Host Institution (check one) |               |             |                   | Home Institution (check one)   |               |             |
| _____ Princeton    _____ Smith        |               |             |                   | _____ Princeton    _____ Smith |               |             |
|                                       | Course Number | Description | Equivalent course |                                | Course Number | Description |
| Engineering Course                    |               |             | ← = →             | Engineering Course             |               |             |
| Engineering Course                    |               |             | ← = →             | Engineering Course             |               |             |
| Engineering Course                    |               |             | ← = →             | Engineering Course             |               |             |
| Elective                              |               |             | ← = →             | Elective                       |               |             |
| Elective                              |               |             | ← = →             | Elective                       |               |             |

MAJOR: \_\_\_\_\_

AREA OF CONCENTRATION: \_\_\_\_\_

ACADEMIC ADVISER /DEPT. REP: \_\_\_\_\_

EMAIL: \_\_\_\_\_ PHONE: \_\_\_\_\_

"I hereby authorize the exchange of my education records between my home and host institutions. I understand that I may obtain, on request, copies of any materials exchanged."

|                              |                                   |                      |
|------------------------------|-----------------------------------|----------------------|
| _____<br><b>STUDENT NAME</b> | _____<br><b>STUDENT SIGNATURE</b> | _____<br><b>DATE</b> |
|------------------------------|-----------------------------------|----------------------|

**FOR OFFICE USE ONLY:**

|                                      |                                       |               |
|--------------------------------------|---------------------------------------|---------------|
| _____<br>ACADEMIC ADVISER /DEPT. REP | _____<br>ADVISER /DEPT. REP SIGNATURE | _____<br>DATE |
|--------------------------------------|---------------------------------------|---------------|

|                         |                                   |               |
|-------------------------|-----------------------------------|---------------|
| _____<br>SMITH DIRECTOR | _____<br>SMITH DIRECTOR SIGNATURE | _____<br>DATE |
|-------------------------|-----------------------------------|---------------|

|                    |                              |               |
|--------------------|------------------------------|---------------|
| _____<br>SEAS DEAN | _____<br>SEAS DEAN SIGNATURE | _____<br>DATE |
|--------------------|------------------------------|---------------|

### PRINCETON EXCHANGE CONSORTIUM AGREEMENT

This form is used to establish a consortium between Smith College and a Princeton University where a Smith student will be enrolled during an approved leave of absence to study at Princeton. A consortium maintains Smith enrollment, allowing the student to apply for financial aid via Smith.

**Student Section (Complete this section and the lower section, then forward to host school.)**

|                                                                                                                                                                                                                            |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Name (last, first, middle) _____                                                                                                                                                                                           | Smith ID# _____ |
| Name of Host Institution _____                                                                                                                                                                                             | Aid Year _____  |
| I request a consortium for: <input type="checkbox"/> Enrollment purposes ONLY <input type="checkbox"/> Enrollment purposes AND to apply for financial aid via Smith College                                                |                 |
| If you are applying for financial aid, you must ensure that all necessary application requirements are submitted. And if you have unusual expenses associated with this program, please notify us in a separate statement. |                 |

**Host Institution Section (Complete this and the lower section, then send to Student Financial Services at Smith College.)**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |               |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|---------------|----------------|-------|-------|--------------|-------|-------|---------------------------|-------|-------|---------------------------------|-------|-------|-----------------------|-------|-------|-------|-------|-------|----------------|--|--|-------------------------------------|-------|---|----------------------|-------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Enrollment Information:</b><br>Enrollment Period _____<br>Expected Credit Enrollment    Fall _____    Spring _____<br><br><b>Complete only if student indicates intent to apply for financial aid:</b><br><table style="width: 100%;"> <tr> <td style="text-align: left;"><i>Fees</i></td> <td style="text-align: center;"><i>Fall</i></td> <td style="text-align: center;"><i>Spring</i></td> </tr> <tr> <td>Tuition &amp; Fees</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Room &amp; Board</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Books &amp; Personal Expenses</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Health Insurance from Princeton</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Other (specify) _____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td style="text-align: center;">Total</td> <td>_____</td> <td>_____</td> </tr> <tr> <td><i>Credits</i></td> <td></td> <td></td> </tr> <tr> <td>Financial aid from host institution</td> <td>_____</td> <td style="text-align: right;">*</td> </tr> <tr> <td>Expected outside aid</td> <td>_____</td> <td style="text-align: right;">*</td> </tr> </table> | <i>Fees</i> | <i>Fall</i>   | <i>Spring</i> | Tuition & Fees | _____ | _____ | Room & Board | _____ | _____ | Books & Personal Expenses | _____ | _____ | Health Insurance from Princeton | _____ | _____ | Other (specify) _____ | _____ | _____ | Total | _____ | _____ | <i>Credits</i> |  |  | Financial aid from host institution | _____ | * | Expected outside aid | _____ | * | <b>Check Payment Address:</b><br>_____<br>_____<br>_____<br><br><b>*Specify:</b><br><br><br><br><br><b>Signature, Date, Title of School Official:</b><br>_____<br>_____ |
| <i>Fees</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <i>Fall</i> | <i>Spring</i> |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |
| Tuition & Fees                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____       | _____         |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |
| Room & Board                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | _____       | _____         |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |
| Books & Personal Expenses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _____       | _____         |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |
| Health Insurance from Princeton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _____       | _____         |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |
| Other (specify) _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | _____       | _____         |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |
| Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | _____       | _____         |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |
| <i>Credits</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |               |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |
| Financial aid from host institution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | _____       | *             |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |
| Expected outside aid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _____       | *             |               |                |       |       |              |       |       |                           |       |       |                                 |       |       |                       |       |       |       |       |       |                |  |  |                                     |       |   |                      |       |   |                                                                                                                                                                         |

### AGREEMENT

- The Student acknowledges that verification of enrollment is required each semester of leave for the student's aid, if any, to disburse.
- The Student agrees to report any change in enrollment under this consortium to Student Financial Services.
- The Student agrees to report any financial aid received for this program of study from other sources to Student Financial Services.
- The Student acknowledges that the number of credits accepted by Smith College could affect future borrowing levels.
- The Student agrees to be responsible for any program fees and for making payment arrangements with the host institution.
- The Student authorizes both institutions to exchange information that is necessary to create a consortium and to process financial aid.
- Smith College agrees to process financial student aid for the student, if eligible, for the consortium period, and will issue disbursed financial aid to the Host Institution as a third-party refund. Smith will also maintain the records for such aid.
- The Host Institution certifies that the student has been accepted for enrollment in the program specified above.
- The Host Institution agrees to inform Smith College about any financial aid this student receives from other sources upon request.
- The Host Institution agrees to provide Smith College enrollment information for this student in this program upon request.
- The Host Institution agrees to refund the student directly should a Smith College payment result in an overpayment.

I agree to a consortium between Smith College and the noted Host Institution and to the terms noted herein:

|                         | <i>Student</i> | <i>Smith College Official</i>                                                       | <i>Host Institution Official</i> |
|-------------------------|----------------|-------------------------------------------------------------------------------------|----------------------------------|
| <i>Signature, Date:</i> |                |  |                                  |
| <i>Printed Name:</i>    |                | David Belanger                                                                      |                                  |
| <i>Title:</i>           | N/A            | Director                                                                            |                                  |
| <i>Phone:</i>           |                | 413-585-2530                                                                        |                                  |
| <i>Email:</i>           |                | sfs@smith.edu                                                                       |                                  |



Office of Student Financial Services  
Smith College  
Northampton, Massachusetts 01063  
(413) 585-2530, Fax: (413) 585-2566

## Princeton-Smith Student Exchange in Engineering

Student Name: \_\_\_\_\_ ID #: \_\_\_\_\_

Smith College students accepted for the Smith-Princeton Exchange Program are charged their normal home college tuition and fees. These costs are paid to Smith College. The room and board charges will be paid directly to Princeton University. Students provide their own transportation to and from Princeton. Students on financial aid normally receive their regular assistance while on the Exchange Program. Housing would be in Princeton University dormitories for juniors and seniors. Several dining options exist, including purchase of a Princeton University dining contract, independent self-catering, and possibly membership in an eating club.

### Consortium Agreement:

Smith Students are required to obtain a completed Consortium Agreement in order for financial aid to assist with this program.

### Program Costs:

- Tuition will be charged by Smith.
- Room and Board will be charged by Princeton.
- Health Insurance will be offered by Princeton. Smith coverage is not available.
- Other costs not directly billed by Smith or Princeton will be the student's responsibility.

### Financial Aid:

- All financial aid offered by Smith will be applied to your Smith Student Account. Excess funds will be forwarded to Princeton to cover appropriate room and board charges.
- Your total educational budget will be used determine the level of financial assistance.
- College or Federal Work Study programs will normally be replaced with additional loan assistance in any term that you are away from the Smith campus. You are not obligated to accept this additional loan assistance.

### Required Forms:

- Consortium Agreement
- List of Undergraduate Expenses
- Eating Club Invoice, if applicable

I understand that I am responsible for notifying the Smith College Office of Student Financial Services in the event that I fail to attend this program, withdraw before its completion, attend less than full time enrollment, or receive financial aid from other sources. I understand that the number of credits accepted by Smith College could affect my future level of borrowing. I am aware that program deposit fees are my responsibility and I will make arrangements with the host institution for payment.

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Return this form to:

**Student Financial Services  
Smith College  
Northampton, MA 01063**