Congrats on your decision to apply to Study Abroad!
(We think it’s the best decision you’ve ever made.)
**STEM Abroad**

- Scientific research is a global endeavor.
- On a resume, study abroad is now nearly as indispensable as good computer skills or proficiency in English.
- When applying for the NSF Graduate Research Fellowship, students must show Broader Impacts. Studying abroad and having a more global perspective counts as a Broader Impact.
- Students build cross-cultural skills and international experience required to participate fully in the modern global academic community or industry/business.
Things to consider:

• What programs will work best for you academically?
• Don’t choose a program based on:
  – Location
  – Weather
  – Imagined Prestige
  – Your parents told you to go there
  – Your best friend is going there too
  – Dreams of Hogwarts
GPA Requirements

The Caltech Scholars Programs require a minimum 3.0 GPA for all programs except for UCL (3.3), Ecole Polytechnique (3.3), and Cambridge (3.4)

Other Exceptions for GPAs

• UCL requires a 3.9 GPA minimum, plus *very* strong reference for Computer Science and Biomedical Sciences.

• Cambridge: 3.7 and up in option classes/tripos classes. Math at Cambridge 3.8+. Chemistry Part III – need 3.8 +. These are master’s level classes – need background.

• KU and DTU occasionally accept students with a 2.8, who have rising GPA & 3.0 or better grades in their option
How many programs should I apply for?

- If you are applying to Cambridge and UCL, you should have a third choice, as those are our most popular programs.
- Cambridge has 10 places (6 Michaelmas, 4 Lent)
- Copenhagen has 5 places
- Edinburgh has 5-20 places
- UCL has 5-10 places
- Melbourne and EPT has no limited number of places
A complete application includes:

1. Application Checklist
2. Caltech Scholars Program Application Form
3. Unofficial Transcript
4. Proposal which includes essay, program fit, and proposed courses
5. 2-3 Letters of Recommendation
Study Abroad Application Checklist

Name of Student: ____________________________
Class/Grad Year: ____________________________
Option: ____________________________
Second Option: ____________________________
Minor: ____________________________

Chairperson: ____________________________
Interview Date: ____________
Interview Time: ____________

****This application is my own original work. I have not received professional assistance in writing or proofreading my essays.

Signature: ____________________________ Date: ____________

Program(s):
- Cambridge, Michaelmas - Fall Term
- Cambridge, Lent - Winter Term
- DTU, Fall Term
- Ecole Polytechnique, Fall Term
- KU, Fall Term
- UCL, Fall Term
- Edinburgh, Fall Term
- Melbourne, Fall Term

First Choice: ____________________________
Second Choice: ____________________________
Third Choice: ____________________________
Fourth Choice: ____________________________
Fifth Choice: ____________________________

- Program Application
- Proposal (essay, program fit, and proposed courses)
- Proposal Re-Write (if necessary)
- Recommendation 1 from: ____________________________
- Recommendation 2 from: ____________________________
- (Optional) Recommendation 3 from: ____________________________
- Transcript (unofficial ok): ____________________________

Write the names of your recommenders here, but do not check them off.

FASA notes: ____________________________ Date Received: ____________
Caltech Scholars Programs
Application Form for Study Abroad

Due 3pm, January 25

Turn all materials in to: Fellowships Advising & Study Abroad Office, Rm 319, Center for Student Services.

Please follow these directions:

- Only hard-copy applications will be accepted. Do not email any part of your application.
- Do not staple pages together, only use paper clips.
- Print only single-sided. NO double-sided documents will be accepted.
- Put your name in the upper right hand corner of every page of the proposal.
- Put the page number in the lower right hand corner of every page of the proposal.
- Assemble your application in the order listed on the Study Abroad App. Checklist
- Minimum 3.0 GPA to apply for Study Abroad

What program(s) are you applying for? Check all that apply.
- [ ] Cambridge, Michaelmas (Fall) Term, minimum 3.4 overall GPA to apply, 3.6 GPA in Option
- [ ] Cambridge, Lent (Winter) Term, minimum 3.4 overall GPA to apply, 3.5 GPA in Option
- [ ] DTU, Fall Term, minimum 3.0 GPA to apply
- [ ] KU, Fall Term, minimum 3.0 GPA to apply
- [ ] Ecole Polytechnique, Fall Term --D UE JAN. 15, minimum 3.3 GPA to apply
- [ ] Edinburgh, Fall Term, minimum 3.0 GPA to apply
- [ ] Melbourne, Fall Term, minimum 3.0 GPA to apply
- [ ] UCL, Fall Term, minimum 3.3 GPA to apply
- [ ] Also applied to University of Chicago Program

Please list programs by preference. If applying for Cambridge Lent and Michaelmas, list them separately.

First Choice: ___________________________
Second Choice: ________________________
Third Choice: ________________________
Fourth Choice: ________________________
Fifth Choice: ________________________
Sixth Choice: ________________________

1. Student’s Name: ___________________________ Nickname: ___________________________

2. Caltech email address: ___________________________ Preferred ______

3. Alternate email address: ___________________________ Preferred ______

4. Caltech UID: ___________________________

5. MailBox number: _______________ Cell Phone: ___________________________

6. Family Residence Address: ___________________________

7. Current Class Year: □ Sophomore □ Junior

8. Date of Birth: ____________ Age during term you will study abroad: ____________

8. House Affiliation: ___________________________

9. Citizenship: □ U.S. □ Permanent Resident □ Int’l Student

10. Do you currently hold a valid passport? □ Yes □ No
Who should write your letters of reference?

• 1st letter must be from someone who has taught or supervised you in your option or a closely related area, from a professor or instructor at Caltech. Cannot be TA or peer of any kind.

• 2nd letter must be from someone who has taught, advised, or supervised your research in your primary STEM option or closely related area. Second ref be from a professor, instructor, graduate TA, research supervisor, or Caltech advisor. No employers!
• **NO** humanities or social science profs for letter 1 or 2, even if you have a 2\textsuperscript{nd} option in HSS.

• **Optional** 3\textsuperscript{rd} letter can be from someone else (but not a peer or relative) who knows you well and can show something the other two letters cannot. Can be a HSS prof, an employer, or coach.

Letter writers must complete the reference form and **submit a typed and signed letter.** They can send these to FASA through campus mail. If not at Caltech, they can snail mail it to our office. You can hand carry it to us, as long as it is in a sealed envelope with the letter writer’s signature on the seal.
Caltech Scholars Programs Reference Form
Official Reference Form for Study Abroad Applicants
Please return by January 25
To: Lauren Stolper, Director, Fellowships Advising & Study Abroad
California Institute of Technology
Mail Code 319-87, Pasadena, CA 91125

* This section to be completed by student *

<table>
<thead>
<tr>
<th>Name of Applicant: ___________________________</th>
<th>Option: ___________________________</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Sophomore ☐ Junior</td>
<td>Please check if transfer or 3-2 student: ☐ Transfer ☐ 3-2</td>
</tr>
</tbody>
</table>

Program(s): Check all that apply

☐ Cambridge University (Michaelmas - Fall Term)  ☐ University College London (Fall Term)
☐ Cambridge University (Lent - Winter Term)  ☐ University of Melbourne (Fall Term)
☐ Copenhagen University or ☐ DTU (Fall Term)  ☐ University of Edinburgh (Fall Term)

☐ This is a CONFIDENTIAL evaluation. I hereby waive my access to this evaluation as per the Family Education Rights and Privacy Act of 1974.

Applicant's signature: ___________________________ Date: ___________________________

Information for the applicant:
Students are required to submit two references – at least one must be from a member of the professorial faculty in the student’s Caltech option. The second reference must be from an individual in the student's option, but not necessarily based at Caltech (e.g., teaching assistant, instructor/lab instructor, CIT professor, visiting professor, research supervisor, etc.). Note that students may submit a third reference from individuals not in the student’s option, (e.g. resident advisor, coaches, humanities faculty, employers, scientists/engineers from other universities or research centers). Students should submit the third letter only if it provides additional significant information.

Name of the reference writer: ___________________________

Information for recommender: This reference will be helpful in evaluating the applicant’s qualifications for participating in one of Caltech’s official study abroad programs. Please reference the applicant's academic and personal qualifications as well as character. Students participating in a study abroad program will take courses in or highly related to their Caltech option. Note that this recommendation is not just for internal selection, but will also be forwarded to the university abroad if the student is accepted into the Caltech Scholars Program. Please complete all portions of the form as requested and include a signed letter. Incomplete evaluations cannot be considered. An electronic version of this form is available at http://fasa.caltech.edu.

1.) In addition to this form, please attach a Letter of Recommendation commenting on the student’s qualifications, both personal and academic, for study abroad. This reference will be read by faculty at the study abroad university as well as the Caltech selection committee. Please be sure to sign your letter.
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2.) How long have you known the applicant? ___________. In what capacity? ________________________________

3.) How does the applicant compare with the better Caltech undergraduates you have taught? Please complete the evaluation chart below. Check the box that best indicates your opinion of the applicant's qualifications. Please compare the applicant with other Caltech undergraduates at a comparable level of education and research experience.

<table>
<thead>
<tr>
<th></th>
<th>Exceptional</th>
<th>Outstanding</th>
<th>Unusual</th>
<th>Good</th>
<th>Above Average</th>
<th>Average or below</th>
<th>Inadequate opportunity to observe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mastery of basic knowledge in student's option</td>
<td>Top 5%</td>
<td>Next 5%</td>
<td>Next 10%</td>
<td>Next 15%</td>
<td>Next 15%</td>
<td>Average or below</td>
<td>Inadequate opportunity to observe</td>
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<tr>
<td>2. Familiarity with and ability to use laboratory techniques</td>
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<td></td>
<td></td>
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<td>Average or below</td>
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<td>3. Ability to express self orally and in writing</td>
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<td></td>
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<td>Average or below</td>
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<tr>
<td>4. Originality and imagination in academic work</td>
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<td></td>
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<td>Average or below</td>
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<td>5. Capacity for conscientious, hard work</td>
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<td>Average or below</td>
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<td>6. Potential for future growth in science and engineering</td>
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<td>Average or below</td>
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<td>7. Ability to get things done independently</td>
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<td>Average or below</td>
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<td>8. Adaptability to new situations</td>
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<td>Average or below</td>
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<td>9. Reliability</td>
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<td>Average or below</td>
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<tr>
<td>10. Impression applicant will make abroad academically and socially</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Average or below</td>
<td></td>
</tr>
</tbody>
</table>

5) From my knowledge of this applicant, I am willing to give my:

- [ ] Full Endorsement
- [ ] Qualified Endorsement

Name (please print) ____________________________________________
Department ___________________________________________________
Title /Position ________________________________________________
University (if not Caltech) _____________________________________
Signature ____________________________________________________ Date __________________

Please clip (do not staple) your letter of recommendation to this form. Please remember to sign your letter of recommendation.
Note that students are advised to clear up any Extensions and to in their proposal explain any grade issues that they feel should be brought to the attention of CEPSA in the selection process.
Proposal

- Essay (1 page max, single spaced)

- Program fit: In a paragraph for each program you are applying for, describe how the courses you’ve selected (for each program) work with your degree requirements and academic goals.

- Proposed course list(s): requires understanding of each program’s rules (see handout)
**Proposed Course List**

- In program preference order and for EACH program you are applying to, list each of the courses you wish to take according to the directions below.

- You should consult the handout on each program to ensure that you fully understand the program requirements.

- Note that creating each proposed course list is the most time consuming part of the application— you may need to contact faculty at the host university, so allow time for a response.

- It is wise to start NOW! This is more complex than you think!

*Tips on how to find classes at class choice workshops......*
• Students can get general credit, elective credit, HSS or option credit. No need for professor approval until after you are selected for a program.

• Look through the Equivalent Course Guide, sample proposals, surveys, and sample course lists in the FASA Library.

• Look through each university’s courses online.

• If needed, confer with CIT professors and professors abroad to determine equivalency issues (if it is not clear that a course will fulfill a specific option requirement).

• You can take one Course by Correspondence with the approval of the Caltech professor.
Formatting Requirements

- Only hard-copy applications will be accepted. **Do not email** any part of your application.
- **Do not staple** pages together, only use paperclips.
- **Print only single-sided.** NO double-sided documents will be accepted.
- Put your **name in the upper right** hand corner of every page of the proposal.
- Put the **page number in the lower right** hand corner of every page of the proposal.
- Assemble in the order outlined in the directions.
Resources

- Walk-In Hours are Tuesdays and Thursdays, 9-11am & 2-4pm
- FASA office library has previous study abroad student comments and course list examples available for review in library
  - Library is open every Monday-Friday, 8am-5pm, but closed from 12-1pm
- FASA website: http://fasa.caltech.edu/
- FASA Facebook page: https://www.facebook.com/FASA.study.abroad/
All forms need to be turned in directly to the FASA Office, Room 319, Center for Student Services by 3pm on:
Tuesday, January 15, 2019 (EPT)
Friday, January 25, 2019 (ALL)
Questions?