Destination U.S. of A.
For the S8 or the 3rd year abroad

Stating the obvious
The US "brain drain"

- Global recognition of the institutions
- Top-notch professors, researchers, and facilities
- Useful credentials, particularly *to work in the US*
- Useful to develop a global network of your future colleagues all over the world

The Obviou$ challenge$$

DEFINE budget/ ASSESS possibilities/ OBTAIN information

what is the cost of your program?

Those include: **tuition fees** (not for S8 exchanges) + **room and board** (yes for S8 too) + **health insurance** (yes for S8 too). For example, the MIT MBAn program costs about $120 000 but… "loans are paid back within six months" of working on Wall Street.

how will you finance it?

Teaching assistantships, scholarships, fellowships: US especially lavish in financial support, especially at graduate level. For example Aero-Astro at Georgia Tech — tuition fees are fully covered by Teaching Assistantship.

Jean Gaillard, Arthur Sachs, bourse Serge Bellanger, Fulbright… : investigate the vast field of scholarships and fellowships, what they cover, whether you would be eligible.

Debt/ bank loans. Again, check out average income of alums of the program you have in mind. NB: the Fondation CentraleSupélec will act as guarantor for those who need one to obtain their loans.

Still… **Is it worth it?** What are your professional plans and how does this academic/research path lead you to achieve them?

Define your Plan B — should you *not* obtain the necessary funding.

The US alternatives to 3Y in the US

- a research semester in the US (S8)

- an academic semester in the US (S8)

- a research year off in the US (gap year)

Followed by:

- a 3rd year at CS

- a return to the US after CS graduation

NB: this will be less costly, yet the destination remains expensive — Toefl test ($300), plane trip, health insurance, room and board remain to be covered

A research semester in the US:
CS/BROWN
CS/UCF

research project   sponsor @Brown   sponsor @CS
                          and/or @UCF

A research year off in the US: Stanford France

https://francestanford.stanford.edu/funding/visiting-junior-scholar-fellowship

https://francestanford.stanford.edu/research/current-projects

In 2023: 6 CS students at Stanford, in domains as varied as Computer Science, Civil and Environmental Eng, Mechanical Eng, Radiation Oncology…

A US academic semester exchange (S8)

Main appeal : no tuition fees at partner institutions.

List varies over the years, no final list yet for 2024 applicants, but will include:

- 2 to 3 spots at Tufts (Boston)

- 2 spots at UCF (Orlando)

Never heard of them? Check them out!

TIMELINE & CONTACTS
for S8 academic exchanges

S8 ACADEMIC semester EARLY APPLICATION PROCESS (earlier than other destinations):

1- early April: list of hosting partners is final, Alberto Bustamante sends a call for applications (by email)

2- prior to the Easter holiday: students send their statements and application — that includes a statement of their objectives, a record of their grades, and a CV— to Alberto Bustamante.

3- early May selected students are interviewed by CS committee (Christophe Laux, Mehdi Ayouz, Ninon Vinsonneau, Carine Morotti).

Alberto Bustamante, in charge of outgoing S8 students

Ninon Vinsonneau, US coordinator

TIMELINE & CONTACTS
for S8 research semesters

S8 RESEARCH semester

The application process is the same as for the academic semester abroad, only student need specify their interest in completing a research semester.

For more information on the **research semester @UCF**

Contact **Pr. Mehdi Ayouz** (**mehdi.ayouz@centralesupelec.fr**)

For more information on the **research semester @Brown**

Contact **Pr. Christophe Laux** (**Christophe.laux@centralesupelec.fr**)

TIMELINE & CONTACTS
for double-degrees and 3ʳᵈ year abroad

3 year abroad/DD in the US

SAME DEADLINE AS FOR OTHER DESTINATIONS

1- You must first be selected by CS to apply to the US (mid-May)

2- Following that approval, you must be selected by US institutions. Application deadline for most US programs: between December 1 & December 15.

Please note you are allowed to apply to 5 programs in the US "only".

Carine Morotti, in charge of all outgoing DD students

Ninon Vinsonneau, US coordinator

What you will need, in any case

Good grades all around, and a good level of English

(B2+ *bare minimum*)

A solid **professional and/or academic project,** and the recommendations that go with

A convincing answer to the question **'why there'?**

Finding the right graduate program for DD students and 3rd-year abroad

Princeton, Columbia, Harvard, Stanford, MIT, Berkeley — they might be top universities in the US, but are they the best option for *you,* and in *your* field of study?

Have you heard of Carnegie Mellon, Rice University, Texas A&M...?

- You haven't? Check them out!

First step: figure out the lay of the land. What are the institutions out there that I may never have heard of? Where are they? Who teaches there? What research have they conducted?

A precious source about university and program ranking: US News and World Report
https://www.usnews.com/education

Find your way — US is *vast*. It takes time to browse and develop a mental **map of the institutions you might be interested in**

- Best colleges, **best grad schools (colleges are for *undergraduate* years)**

- Best grad school/**engineering,** best grad school/**science** (check out both)

 Choose what is best for you based on
- programs and disciplines
- specialties within the discipline

CMU

Michigan engineering

Check out what other CS students who went there say of these programs and of the experience...

mobility.centralesupelec.fr

trainingadvisor.centralesupelec.fr