

## Office of Undergraduate Engineering

### Study Abroad Check List for McCormick Students

#### BEFORE YOU APPLY TO STUDY ABROAD:

Congratulations on deciding to Study Abroad! We have every confidence in you that you will represent us well during your time studying internationally. Northwestern offers a wide variety of study abroad options that cater to a broad set of interests and goals. Where you go will ultimately depend on the type of experience you feel will fit you best.

1. If you have not already done so, you should explore program information available through Global Learning Office [www.northwestern.edu/abroad](http://www.northwestern.edu/abroad) and be sure that you understand the requirements through their office. You can also find study abroad resources through Engineering's Global Initiatives page [www.mccormick.northwestern.edu/global](http://www.mccormick.northwestern.edu/global). Explore the student opportunities page and be sure to review the Engineering Abroad Documents section for an Engineering Abroad Programs list and Engineering Abroad Fellowships and Scholarships information. Exploring these sites will help you narrow down the many study abroad options to first and second choice programs that best meet your goals.
2. Review the "Detailed Instructions" for transferring course credit on the following pages. Transfer credits earned for engineering/math/science credits are guaranteed to apply toward degree requirements **ONLY** when you have filed the curriculum petition prior to departing on your study abroad program.
3. Once you are ready to formally begin the application process, contact [ashley.silverstein@northwestern.edu](mailto:ashley.silverstein@northwestern.edu), so that your study plan within MAS can be updated to reflect your intent to go abroad. If you have questions after reviewing the petition instructions, please also include those in your email.
4. Meet with your faculty advisor, **make sure the curriculum you intend to take will allow you to complete your engineering degree in a timely manner**. During this meeting, your faculty advisor should approve your MAS study plan for the quarter you intend to return to Northwestern. You should also discuss and begin the petition process for your technical credits during this meeting. (Ex: If you intend to study abroad in fall quarter you will need an approved study plan for winter quarter.) Note: If you are studying abroad in the summer, you may skip this step.
5. Once your petitions have received departmental and adviser approval, and your adviser has signed off on your study plan, contact [ashley.silverstein@northwestern.edu](mailto:ashley.silverstein@northwestern.edu).
6. McCormick students, the GLO application will include a step asking you to include confirmation that you've discussed your study abroad plans with your major/minor adviser. Since McCormick's process requires that you receive approval on the study plan for the quarter you will return to NU, you may upload a screenshot of that approved study plan page for this step. This provides confirmation that you have discussed course plans related to progress in your Engineering degree program. If you hope to apply study abroad credit to progress in a minor, you should have an additional conversation with the adviser for that program.

## DETAILED INSTRUCTIONS:

### Course credit

Only the School of Engineering has the authority to approve transfer credits to satisfy your engineering degree requirements. You must, therefore, file a curriculum petition for all course work you wish to apply toward degree requirements.

### **Before Going Abroad**

#### Technical Credits

All engineering, math, and science courses must be approved by petition in order to have your first-choice program application approved for study abroad. **\*Transfer credit is not guaranteed until petitions are approved.** In addition to petitioning the first-choice courses you intend to take, you should petition back-up courses to prepare for the common scenario in which you cannot register for your first choice courses. Inability to register for first-choice courses does not exempt you from the rule that technical courses must be approved prior to departure, so these back-up courses are particularly important.

A petition form is included at the end of this document. In addition to the form, you will need a syllabus written in English for the course in order for content to be reviewed. There are three signatures that must be obtained before a petition will be accepted by the Undergraduate Engineering Office as part of the study abroad application. These signatures must be obtained from:

Classes towards the computer science 300 advanced electives must be petitioned prior to studying abroad.

\*If you are in a competitive program and end up deciding your second choice program, the petitions will need submitted prior to departure.

1. The instructor who teaches the course for which you are seeking equivalency OR the undergraduate approver for the department in which the course is offered. For example, if you are seeking credit for ME 222, you must obtain a signature from a faculty member who teaches ME 222 or the undergraduate department approver of ME. If you are seeking generic credit, such as COMP\_SCI 2XX, the undergraduate department approver is a good person to contact for this signature.\*
2. Your McCormick faculty adviser.\*
3. The undergraduate department approver for your program.

\*Courses from an Approved Course Equivalence (ACE) sheet require only the departmental approver's signature.

Once all signatures are obtained, the petition may be submitted to [ashley.silverstein@northwestern.edu](mailto:ashley.silverstein@northwestern.edu) during the McCormick approval meeting that is required within the study abroad application. If course information is not available at the time of application or if course plans are altered prior to departure signed petitions must be submitted BEFORE you depart for your study abroad program. Requests for course review cannot be made while you are on your study abroad program.

#### Non-Technical Credits

Courses outside of engineering, math, and science may be petitioned after your return to campus following study abroad. If you are taking non-technical courses for any second majors, minors, or certificates, it is important to verify the possibility of transferring planned courses back to those requirements prior to study abroad. Those programs will have their own policies and procedures for counting transfer credits toward requirements.

## **While Abroad**

Be sure to save the syllabus, list of required texts, and any other materials from each course you take abroad in case any follow up is necessary upon your return to Northwestern. This is important for all courses including those you wish to transfer back for general credit (GEN\_CRED 1XX).

## **After Returning from Abroad**

Request that your official transcript be sent to the Northwestern. The credit transfer process cannot take place until this transcript is received.

## **Registration**

### **Before Going Abroad**

For students going abroad in fall, winter, or spring quarters, the study plan for your first quarter back at NU will be approved as part of your application process. This allows your advising hold to be released while you are abroad without an additional advising appointment. Students going on summer programs will register for fall classes in spring prior to departure and will return in time for the regular academic year so there is no interruption of the standard advising process that takes place each quarter.

### **While Abroad**

You will register for the quarter in which you will return to NU using CAESAR during the regular registration period. This means that it is critical that you continue to check your NU email account and the Registrar's Office website for updates on registration dates and appointments. It is also strongly recommended that you check CAESAR for any registration holds prior to your appointment time. Dealing with registration holds from abroad can be time consuming so it is important to be aware of these in advance. If you encounter issues registering via CAESAR while abroad, you should contact a member of the Undergraduate Engineering Office.

### **After Returning from Abroad**

Since you will register along with all other NU students during the university registration period, the registration process should be complete by the time you return from study abroad and no action should be required.

## **Honors and Scholarships**

If you are interested in pursuing honors work in your major, you should be sure to discuss this with your department before you go abroad. Many honors programs require application at the end of the junior or beginning of the senior year. The same is true if you might want to apply for various national scholarships such as Rhodes or Marshall when you return, which have deadlines early in fall quarter. Scholarship information is available from the Office of Fellowships, 1940 Sheridan Rd., <http://www.northwestern.edu/fellowships/>.

Log-In ___/ ___ # ___
Decision Log ___/___/___
Email MAS

## **PETITION FOR TRANSFER OF STUDY ABROAD CREDIT**

This form is to be used for equivalency verification for credits taken by Engineering undergraduates on study abroad programs. Syllabi written in English must be provided for courses to be reviewed for equivalency. **Submit forms to ashley.silverstein@northwestern.edu or in office in Tech. L269**

Name \_\_\_\_\_ Major \_\_\_\_\_ Date \_\_\_\_\_

NU Email \_\_\_\_\_@u.northwestern.edu Phone \_\_\_\_\_

Expected Graduation Date (Quarter) \_\_\_\_\_ (Year) \_\_\_\_\_ Student ID \_\_\_\_\_

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

**Approval of Course Transfer and Application to Degree Requirements**  
 To be completed by adviser and departmental undergraduate approver.

Adviser: Signature _____	Adviser: Printed Name _____	Date _____
Dept. Approver: Signature _____	Dept Approver: Printed Name _____	Date _____

Department Action: Grant \_\_\_\_\_ Deny \_\_\_\_\_

Dean's Office \_\_\_\_\_ Date \_\_\_\_\_  Approve  Deny

University Name \_\_\_\_\_ Taken When? \_\_\_\_\_

### **CREDIT 1**

**Verification of Equivalency:** To be approved by the instructor of the course being requested or the dept. undergraduate approver

**Proposed Course**

Course # \_\_\_\_\_ Course Title \_\_\_\_\_

**NU Equivalent**

Course # \_\_\_\_\_ Course Title \_\_\_\_\_

**Transfer Equivalency Verification:** The above listed courses are equivalent.

\_\_\_\_\_  
 (Printed Name of Course Instructor or Dept. Approver)      (Signature of Course Instructor or Dept. Approver)      (Department)      (Date)

**Application to Degree Requirements:** To be completed by student and approved by adviser and undergraduate dept. approver

Math  EA  DTC  Public Speaking  Basic Science  Theme  Unrestricted Electives  Major Courses

Basic Engineering (Area \_\_\_\_\_)  Tech Electives  Specialization (Specify \_\_\_\_\_)

**CREDIT 2**

**Verification of Equivalency:** To be completed by the instructor of the course being requested or the dept. undergraduate approver

**Proposed Course**

Course # \_\_\_\_\_ Course Title \_\_\_\_\_

**NU Equivalent**

Course # \_\_\_\_\_ Course Title \_\_\_\_\_

**Transfer Equivalency Verification:** The above listed courses are equivalent.

\_\_\_\_\_  
(Printed Name of Course Instructor or Dept. Approver) (Signature of Course Instructor or Dept. Approver) (Department) (Date)

**Application to Degree Requirements:** To be completed by student and approved by adviser and dept. approver

- Math  EA  DTC  Public Speaking  Basic Science  Theme  Unrestricted Electives  Major Courses
- Basic Engineering (Area \_\_\_\_\_)  Tech Electives  Specialization (Specify \_\_\_\_\_)

**CREDIT 3**

**Verification of Equivalency:** To be approved by the instructor of the course being requested or the dept. undergraduate approver

**Proposed Course**

Course # \_\_\_\_\_ Course Title \_\_\_\_\_

**NU Equivalent**

Course # \_\_\_\_\_ Course Title \_\_\_\_\_

**Transfer Equivalency Verification:** The above listed courses are equivalent.

\_\_\_\_\_  
(Printed Name of Course Instructor or Dept. Approver) (Signature of Course Instructor or Dept. Approver) (Department) (Date)

**Application to Degree Requirements:** To be completed by student and approved by adviser and dept. approver

- Math  EA  DTC  Public Speaking  Basic Science  Theme  Unrestricted Electives  Major Courses
- Basic Engineering (Area \_\_\_\_\_)  Tech Electives  Specialization (Specify \_\_\_\_\_)

**CREDIT 4**

**Verification of Equivalency:** To be approved by the instructor of the course being requested or the dept. undergraduate approver

**Proposed Course**

Course # \_\_\_\_\_ Course Title \_\_\_\_\_

**NU Equivalent**

Course # \_\_\_\_\_ Course Title \_\_\_\_\_

**Transfer Equivalency Verification:** The above listed courses are equivalent.

\_\_\_\_\_  
(Printed Name of Course Instructor or Dept. Approver) (Signature of Course Instructor or Dept. Approver) (Department) (Date)

**Application to Degree Requirements:** To be completed by student and approved by adviser and dept. approver

- Math  EA  DTC  Public Speaking  Basic Science  Theme  Unrestricted Electives  Major Courses
  - Basic Engineering (Area \_\_\_\_\_)  Tech Electives  Specialization (Specify \_\_\_\_\_)
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**CREDIT 5**

**Verification of Equivalency:** To be approved by the instructor of the course being requested or the dept. undergraduate approver

**Proposed Course**

Course # \_\_\_\_\_ Course Title \_\_\_\_\_

**NU Equivalent**

Course # \_\_\_\_\_ Course Title \_\_\_\_\_

**Transfer Equivalency Verification:** The above listed courses are equivalent.

\_\_\_\_\_  
(Printed Name of Course Instructor or Dept. Approver      (Signature of Course Instructor or Dept. Approver)      (Department)      (Date)

**Application to Degree Requirements:** To be completed by student and approved by adviser and dept. approver

- Math  EA  DTC  Public Speaking  Basic Science  Theme  Unrestricted Electives  Major Courses
- Basic Engineering (Area \_\_\_\_\_)  Tech Electives  Specialization (Specify \_\_\_\_\_)

## Department Approver for Study Abroad Petitions

Please contact these professors for approval for course that want to be transferred within these departments:

### McCormick Courses:

**Applied Math:** Prof. Hermann Riecke

**Biomedical Engineering:** Prof. Suzanne Olds

**Chemical Engineering:** Prof. Jennifer Cole

**Civil Engineering:** Prof. Pablo Durango-Cohen

**Computer Engineering:** Prof. Russell Joseph

**Computer Science:** [study-abroad@cs.northwestern.edu](mailto:study-abroad@cs.northwestern.edu)

**Electrical Engineering:** Prof. Ying Wu

**Environmental Engineering:** Prof. J.F Gaillard

**Industrial Engineering:** [abroad@iems.northwestern.edu](mailto:abroad@iems.northwestern.edu)

**MaDE:** Prof. David Gatchell

**Mechanical Engineering:** Prof. Manohar Kulkarni

### Math and Science:

**Math:** [dus-math@northwestern.edu](mailto:dus-math@northwestern.edu)

**Biology:** [PBS@northwestern.edu](mailto:PBS@northwestern.edu)

**Chemistry:** [chemhelp@u.northwestern.edu](mailto:chemhelp@u.northwestern.edu)

**Physics:** [dusphysics@northwestern.edu](mailto:dusphysics@northwestern.edu)