

## Saint Louis University—Madrid

### Curriculum for the College of Engineering

This course map outlines the academic program of study, per college and major, for students attending the Fall N.U.in Program. These courses are selected for students who will transfer into the College of Engineering. Students will register for classes in Summer 2022 and will meet with their Northeastern academic advising office to finalize their course selections before program departure. All students will be enrolled in a full course-load. See credits below. *Please note, all courses may be subject to change.*

#### Resources

- **NUpath.** For more information on Northeastern’s Core Curriculum, please refer to the NUpath website: <https://www.northeastern.edu/core/>
- **Course descriptions.** Please refer to the guide on our website: <https://www.northeastern.edu/nuin/getting-started/academics-while-abroad/>
- **Academic Advising.** Your course selections are designed to match the curriculum for your chosen major. You will have the opportunity to discuss your course selections, AP/IB/transfer credit, and more during your summer advising session.
- **Add/drop.** Once class begins, students may request a course change with their host institution during their add/drop period. However, students are discouraged from adding or dropping courses once they arrive on site because NU academic advising has already carefully reviewed, discussed, and confirmed fall classes. Any changes that students make to their course registration after they arrive on site may negatively impact their academic progress, so it is not recommended.

#### Course Registration Process

- **Step 1. April-May.** Review course maps and course description guides on GEO website.
- **Step 2. Early June.** Students make their initial course selections via their [Application Status Check](#) portal.
- **Step 3. June through July.** Students review course selections with their Northeastern academic advising office to finalize fall classes.
  - Your northeastern academic advising office will connect with you this summer to discuss academic planning; namely, the courses you need/want to take during your fall N.U.in semester.
  - Please be sure to check your Northeastern email regularly, as updates and outreach will be going to your Husky email address.
  - Please also note that each college may have a different procedure for reaching out to students. We assure you that you will have the opportunity to connect with your Northeastern academic advising office to review, discuss, and ultimately, confirm your final classes for the fall N.U.in semester.
- **Step 4. Early August.** Final classes are confirmed by Northeastern with partner institutions.
  - No further changes to course selections until add/drop- once students arrive on site.
- **Step 5. August & September.** Programs launch and students arrive.
  - Once class begins, students may request a course change during their host institution’s add/drop period. Be sure to check your host institution’s academic calendar during on-site orientation.
  - Course selections have already been reviewed and confirmed by your Northeastern academic college, so **course changes are strongly discouraged**. Any changes that students make to their course registration may negatively impact their academic progress.
  - Course changes are not guaranteed. Due to host institution class capacity and timetabling considerations, changes may not be possible.

**Majors: All majors**

CULTURE COURSES	NU COURSE EQUIVALENTS	NUPATH	NU CREDITS
Students must choose <u>one</u> of the following courses with the N.U.in Spain: Madrid Program.			
History of Spanish Art	ARTH 1990: Art History Elective	IC	3
Introduction to Spanish Culture	CLTR 1504: Cultural History of Spain	IC, SI	4
SLU Spanish Courses (level based on placement test)	SPNS 1101, 1102, or 2101 Northeastern Spanish Courses	--	3
COLLEGE OF ENGINEERING REQUIRED COURSES	NU COURSE EQUIVALENTS	NUPATH	NU CREDITS
Students must complete the following <u>three</u> courses with the N.U.in Spain: Madrid Program unless they have AP/IB/transfer credit.			
Calculus I	MATH 1341: Calculus 1 for Science and Engineering	FQ	4
Engineering Physics I with Lab	PHYS 1151/52/53: Physics for Engineering 1 with Lab and ILS	ND, AD	5
General Chemistry for Science Majors with Lab	CHEM 1161/62/63: General Chemistry for the Biological Sciences with Lab	ND	5
ELECTIVE COURSES	NU COURSE EQUIVALENTS	NUPATH	NU CREDITS
If a student has AP/IB/transfer credit for any required above, they may select an alternative from the list below. **			
Advanced Strategies of Rhetoric and Research	ENGW 1111: First Year Writing	WF	4
Approaching the Arts: Music	MUSC 1100: Topics in Western Music	IC	3
Art and its Histories	ARTH 1111: Global Art and Design History: Renaissance to Modern	IC, SI	3
Calculus II	MATH 1342: Calculus 2 for Science and Engineering	FQ	4
Calculus III	MATH 2321: Calculus 3 for Science and Engineering	FQ	4
Communicating in Arabic I	ARAB 1990: Arabic Elective	--	3
Communicating in French I	FRNH 1101: Elementary French 1	--	3
Cultural Anthropology	ANTH 1101: Peoples and Cultures	IC	3
Drawing I	ARTF 1120: Observational Drawing	EI	3
Ethics	PHIL 1102: Introduction to Contemporary Moral Issues	SI, ER	3
Examined Life	PHIL 1101: Introduction to Philosophy	SI, ER	3
Foundations of Statistics	MATH 2280: Statistics and Software	AD	3
General Biology 1 with Lab	BIOL 1111/12: General Biology with Lab	ND, AD	5
General Psychology	PSYC 1101: Foundations of Psychology	ND, SI	3
History of Spanish Art *	ARTH 1990: Art History Elective	IC	3
Introduction to Anthropology	ANTH 1101: Peoples and Cultures	IC	3
Introduction to Astronomy	PHYS 1111: Astronomy	ND	3
Introduction to Comparative Politics	POLS 1155: Comparative Politics	--	3
Introduction to Environmental Science	ENVR 1101: Environmental Science	ND, AD	3
Introduction to Global Health	PHTH 1270: Introduction to Global Health	SI	3
Introduction to Oceanography	ENVR 1120: Oceans and Coasts	ND	3
Introduction to Politics	POLS 1160: International Relations	SI	3
Introduction to Spanish Culture *	CLTR 1504: Cultural History of Spain	IC, SI	4
Introduction to Women's and Gender Studies	WMNS 1103: Introduction to Women's, Gender, and Sexuality Studies	DD, SI	3
Journalism: News Writing	JRNL 1101: Journalism 1: Fundamentals of Reporting	EI, SI, WI	3
Math Media: Reading News with Mathematical Eyes	MATH 1215: Mathematical Thinking	AD, FQ	3
New Testament	PHIL 1120: Understanding the Bible	IC, SI	3
Painting I	ARTS 2340: Painting Basics	EI	3
Photojournalism	JRNL 5310: Photojournalism	EI, ER	3
Principles of Economics	ECON 1116: Principles of Microeconomics	SI, AD	3
Principles of Mathematics	MATH 1365: Introduction to Mathematical Reasoning	--	3
Public Health & Social Justice	HSCI 2990: Health Science Elective	--	3
SLU Spanish Courses (level based on placement test) *	SPNS 1101, 1102, or 2101 Northeastern Spanish Courses	--	3
Social Justice	PHIL 1990: Philosophy Elective	--	3
Survey of Calculus	MATH 1231: Calculus for Business and Economics	FQ	3
Theory and Practice of Human Rights	PHIL 2155: Human Rights	--	3
Water-Our Precious Resource	ENVR 3200: Water Resources	--	3
<b>Total credits transferred into Northeastern University</b>			<b>16- 17</b>

\* If selected as the culture course, students must select an alternative from the elective courses.

\*\* Students will review & finalize their course selections with their Northeastern academic advising office during summer orientation.