

As a German IEP student you will pursue two degrees simultaneously: a B.S. in an engineering discipline and a B.A. in German. You will spend a semester at the Braunschweig University of Technology in Germany, then hold a paid internship at an engineering firm in a German-speaking country. Students have previously interned at BMW, ZF, Züblin, Lufthansa Technik and others. Your German IEP advisor is Dr. Sigrid Berka (sberka@uri.edu). For more information, see <http://uri.edu/iep/>.

Note: The academic plan below is a sample to demonstrate one way the dual degree program may be completed in 10 semesters. It is not meant to be a replacement for academic advising. Be sure to touch base with both your language and engineering advisor regularly.

Year 1

TERM 1	CREDITS
CHM 101*	3
CHM 102*	1
EGR 105*	1
MTH 141*	4
PHY 203*	3
PHY 273*	1
GER 111	4
TOTAL CREDITS	17

TERM 2	CREDITS
BIO 101	3
BIO 103	1
CHM 112*	3
CHM 114*	1
EGR 106*	2
MTH 142*	4
GER 112	4
TOTAL CREDITS	18

TERM MILESTONES
Overall GPA 2.00
*Complete with "C-" or better
Meet with UC engineering advisor - Required
Enroll in IEP and attend IEP Orientation in Fall

TERM MILESTONES
Overall GPA 2.00, complete with "C-" or better
*Complete with "C-" or better
Meet with EGR advisor - Required
Meet with IEP advisor - Required

Year 2

TERM 3	CREDITS
CHE 212	3
CHM 227	3
MTH 243	3
ECN 201	3
Gen Ed	3
GER 113	4
TOTAL CREDITS	19

TERM 4	CREDITS
BCH 311 or BIO 341	3
CHE 272	3
CHE 313	3
CHE 232	3
MTH 244	3
GER 114	4
TOTAL CREDITS	19

TERM MILESTONES
Overall GPA 2.00
Meet with engineering advisor - Required
Eligible to move from UC to COE (see UC requirements)

TERM MILESTONES
Overall GPA 2.00
Meet with engineering advisor - Required
Meet with IEP advisor - Required

Year 3

TERM 5	CREDITS
BIO 341 or BCH 311	3
CHE 314	3
CHE 347	3
PHY 204	3
PHY 274	1
Gen Ed	3
GER 205	3
TOTAL CREDITS	19

TERM MILESTONES
Overall GPA 2.00
Meet with EGR advisor - Required
Study abroad preparation meetings with IEP advisor

TERM 6	CREDITS
BIO 352	4
CHE 348	3
CHE 364	3
MIC 211	4
GER 206	3
TOTAL CREDITS	17

TERM MILESTONES
Overall GPA 2.5 to be eligible for study abroad year
Meet with EGR advisor - Required
Study/work abroad preparation with IEP advisor
German Summer School or internship - Recommended

Year 4: Suggested Semester Abroad

TERM 7	CREDITS
EGR/GER 411 (Professional Elective)	3
Gen Ed or Professional Elective	3
Gen Ed (EC)	3
Gen Ed (L)	3
GER 3xx	4
GER 3xx or 4xx	3
TOTAL CREDITS	19

TERM MILESTONES
Semester of study at partner university abroad
Email EGR advisor to lift Spring advising hold

International Internship Semester

TERM 8	CREDITS
GER 315-316	3-6
TOTAL CREDITS	3-6

TERM MILESTONES
Complete international engineering internship
Email EGR advisor to lift Fall advising hold

Year 5

TERM 9	CREDITS
CHE 428	1
CHE 345	2
CHE 349	2
CHE 351	3
CHE 425	3
Approved Professional Elective or Gen Ed	3
GER 4xx	3
TOTAL CREDITS	17

TERM MILESTONES
Overall GPA 2.00
Meet with EGR advisor to complete COE Intent to Graduate form - Required
Meet with IEP advisor for credit transfers and A&S Intent to Graduate form - Required
Schedule COE Exit Interview

TERM 10	CREDITS
BIO 437	3
CHE 346	2
CHE 352	3
Approved Mathematics Elective	3
Gen Ed	3
GER 4xx (Lit)	3
TOTAL CREDITS	17

TERM MILESTONES
Overall GPA 2.00
Meet with EGR advisor - Required

**GENERAL EDUCATION CHECK LIST**

English Communication (EC): \_\_\_\_\_  
 English Communication (ECw): \_\_\_\_\_  
 Letters (L): \_\_\_\_\_  
 Letters (L): \_\_\_\_\_

Social Science: \_\_\_\_\_  
 Social Science (use ECN 201): \_\_\_\_\_  
 Literature (400-level GER Lit.): \_\_\_\_\_  
 Fine Arts: \_\_\_\_\_

## **BASIC LIBERAL STUDIES (GEN ED) REQUIREMENTS** (See course catalog for more detail.)

**English Communications (EC):** 6 credits, must include a writing course (ECw). Can only take one of the following 100-level writing courses for General Education credit: WRT 104, WRT 105, WRT 106 (Ecw).

**Social Science (S):** 6 credits, one course is fulfilled by ECN 201, which is already required for engineering majors. Consider opting for a second course with a global or German focus.

**Letters (L):** 6 credits. Consider taking a German History or Philosophy class to fulfill one of your two general education Letters requirements.

### **Fine Arts and Literature (A):**

1. **3 credits of literature:** As an IEP student the 400-level German literature course fulfills the literature portion of the Fine Arts & Literature requirement. (NOTE: This is a special exemption. If you later drop the program but keep your language major you might need to take an additional literature course.)
2. **3 credits of fine arts:** You must choose from music, theater, arts selections as indicated in catalog, or seek prior approval for a comparable course abroad. Consider taking a course with a German focus.

**Note:** There are additional General Education Requirements in *Mathematical and Quantitative Reasoning*, *Natural Sciences*, and *Foreign Language/Cross-Cultural Competence*, which are fulfilled automatically through your progress toward your two degrees (B.S. in Engineering and B.A. in a Language).

**REQUIREMENTS FOR THE CHEMICAL ENGINEERING--BIOLOGY TRACK MAJOR** (See course catalog and department website for more detail.) BCH 311; BIO 101, 341, 352, 437; CHE 212, 272, 313, 314, 328, 332, 345, 346, 347, 348, 349, 351, 352, 425 464; CHM 101, 102, 112, 114, 227; ECN 201; EGR 105, 106; MIC 211; MTH 141, 142, 243, 244 or 362; PHY 203, 273, 204, 274; one approved mathematics elective (MTH 215 or any 300-500 level MTH course except MTH 381); two approved professional electives (one may be fulfilled by GER/EGR 411 with prior approval).

**REQUIREMENTS FOR IEP GERMAN MAJOR** (See course catalog for more detail.) At least 30 credits in German, not including GER 101, 102, or 392. You must complete six credits in literature, at least three of which must be taken at the 400-level; and EGR/GER 411.

### **SPECIAL NOTES FOR STUDENTS IN THE INTERNATIONAL ENGINEERING PROGRAM**

- As a dual degree IEP student, **you are a student of both the College of Arts & Sciences and the College of Engineering**. Be sure to file for graduation (and any other paperwork such as a leave of absence, etc.) with the dean's office of each college.
- You have two academic advisors--one for your language major and one for your engineering major. The German advisor for all IEP students is **Dr. Sigrid Berka (sberka@uri.edu)**. You can check with your engineering department to find out who has been assigned as your advisor.
- Your general education requirements are determined by the College of Arts & Sciences Basic Liberal Studies Program for a Bachelor of Arts (not a B.S.). Consult the course catalog for details and verify any Gen Ed questions with your [language](#) advisor.
- As an IEP student, **you are exempt from the one-course-per-discipline rule** for the Letters, Natural Sciences, and Social Sciences Basic Liberal Studies Requirements of the College of Arts & Sciences. This is important to know in the event that you drop the program but still want to pursue your German major as a non-IEP student.
- You are required to complete a six-month professional internship abroad to be considered an IEP student.
- It is highly recommended that you precede your semester internship with a semester of study abroad through an IEP exchange. General education requirements, language major courses, free electives and engineering professional electives tend to be the easiest courses to find equivalents for overseas, so you might want to "hold" them for a semester abroad. Consult with your advisors and plan your semesters accordingly.

*It is **YOUR** responsibility to stay in contact with your engineering major advisor **AND** your language major advisor (Dr. Berka) to make sure that you are fulfilling all requirements for both majors and your general education requirements.*