

**THE  
UNIVERSITY  
OF RHODE ISLAND**

**ACADEMIC MAP  
FRENCH IEP -  
BIOMEDICAL ENGINEERING  
Entering year: 2015**

French IEP students pursue two degrees simultaneously: a B.S. in an engineering discipline and a B.A. in French. French IEP students spend a semester at the University of Technology of Compiègne in France. Students then complete a six-month paid internship at an engineering firm in France or in French-speaking Canada or Switzerland. French IEP students have two advisors: one in engineering, and one in French. 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 consult with both your language and engineering advisor regularly.

Year 1

SEMESTER 1	CREDITS
CHM 101*	3
CHM 102*	1
ECN 201	3
EGR 105*	1
MTH 141*	4
FRN xxx	3
<b>TOTAL CREDITS</b>	<b>15</b>

SEMESTER 2	CREDITS
BME 181	1
CHM 124	3
EGR 106*	2
MTH 142*	4
PHY 203*	3
PHY 273*	1
FRN xxx	3
<b>TOTAL CREDITS</b>	<b>17</b>

SEMESTER 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

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

Year 2

SEMESTER 3	CREDITS
BIO 121	4
BME 281	1
ELE 201	3
ELE 202	1
MTH 362	3
PHY 204*	3
PHY 274*	1
FRN xxx	3
<b>TOTAL CREDITS</b>	<b>19</b>

SEMESTER 4	CREDITS
BIO 242	3
BIO 244	1
BME 207	3
ELE 212	3
ELE 215	2
MTH 243	3
FRN xxx	3
<b>TOTAL CREDITS</b>	<b>18</b>

SEMESTER MILESTONES
Overall GPA 2.00
*Complete with "C-" or better
Meet with engineering advisor - Required
Eligible to move from UC to COE (see UC requirements)

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

Year 3

SEMESTER 5	CREDITS
BIO 341	3
BME 307	3
ELE 313	3
BME 360	3
BME 361	1
FRN xxx	3
<b>TOTAL CREDITS</b>	<b>16</b>

SEMESTER 6	CREDITS
BME 362	3
BME 363	1
ELE 314	3
ISE 411 or STA 409	3
Gen Ed	3
FRN xxx	3
<b>TOTAL CREDITS</b>	<b>16</b>

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

SEMESTER MILESTONES
Overall GPA 2.5 to be eligible for study abroad year
Meet with EGR advisor - Required
Study/work abroad preparation with IEP advisor

Year 4

SEMESTER 7	CREDITS
Engineering professional elective	3
Gen Ed	3
Gen Ed	3
Gen Ed	3
FRN 3xx or 4xx	3
<b>TOTAL CREDITS</b>	<b>15</b>

SEMESTER 8	CREDITS
FRN 315-316	3-6
<b>TOTAL CREDITS</b>	<b>3-6</b>

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

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

Year 5

SEMESTER 9	CREDITS
BME 461	3
BME 464	3
BME 465	1
BME 484	3
ELE 400	1
FRN 4xx	3
Gen Ed	3
<b>TOTAL CREDITS</b>	<b>17</b>

SEMESTER 10	CREDITS
BME 466	3
BME 468	3
BME 485	2
Gen Ed	3
FRN 4xx (Lit)	3
<b>TOTAL CREDITS</b>	<b>14</b>

SEMESTER 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

SEMESTER MILESTONES
Overall GPA 2.00
Meet with EGR advisor - Required

**GENERAL EDUCATION CHECK LIST**

English Communication (EC): \_\_\_\_\_ Social Science: \_\_\_\_\_  
 English Communication (ECw): \_\_\_\_\_ Social Science (use ECN 201): \_\_\_\_\_  
 Letters (L): \_\_\_\_\_ Literature (400-level FRN Lit.): \_\_\_\_\_  
 Letters (L): \_\_\_\_\_ 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 fulfilled by ECN 201, which is already required for BME majors. Consider opting for a second course with a global or French focus.

**Letters (L):** 6 credits. Consider taking a French 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 French 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 French 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 BIOMEDICAL ENGINEERING MAJOR** (See course catalog and department website for more detail.) BIO 121, 242, 244, 341; BME 181, 207, 281, 307, 360, 361, 362, 363, 461, 464, 465, 466, 468, 484, 485; CHM 101, 102, 124; ECN 201; EGR 105, 106; ELE 201, 202, 212, 215, 313, 314, 400; MTH 141, 142, 243, 362; PHY 203, 204, 273, 274; STA 409 or ISE 411; one engineering elective from the following: CHE 333, 347, 574; CSC 522; ELE 332, 338/339, 343/344, 435/436, 437, 438, 444/445, 447/448, 458/459, 501, 506; HPR 323; ISE 404, 412; MCE 341, 354, 372; MTH 442, 451, 462, 471.

**REQUIREMENTS FOR IEP FRENCH MAJOR** (See course catalog for more detail.) At least 30 credits in French, not including FRN 101, 102, 391, 392, 393. You must complete at least six credits at the 400-level, three credits of which must come from FRN 412, 473, or 474.

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

- As a dual degree IEP student, you are a student of both the College and 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. Check with your engineering department and the IEP website for more information.
- 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 French 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 to make sure that you are fulfilling all requirements for both majors and your general education requirements.