

**THE
UNIVERSITY
OF RHODE ISLAND**

**ACADEMIC MAP
CHINESE IEP (TRACK B) -
MECHANICAL ENGINEERING
Entering year: 2015**

Chinese IEP students pursue two degrees simultaneously: a B.S. in an engineering discipline and a B.A. in Chinese. Students in the Chinese IEP spend a semester at Zhejiang University in Hangzhou, China. Following their time at Zhejiang, students spend six months at a paid internship in China at a major global engineering firm. In the past, students have interned at the likes of Hasbro, Bayer Technology Services and General Motors. Chinese IEP students have two advisors: one in engineering, and one in Chinese. For more information, see <http://uri.edu/iep/>.

Year 1

SEMESTER 1	CREDITS
CHM 101*	3
CHM 102*	1
EGR 105*	1
MTH 141*	4
Gen Ed	3
CHN 101	3
TOTAL CREDITS	15

SEMESTER 2	CREDITS
ECN 201	3
EGR 106*	2
MTH 142*	4
PHY 203*	3
PHY 273*	1
CHN 102	3
TOTAL CREDITS	16

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
ISE 240	3
ISE 241	1
MCE 262	3
MTH 243	3
PHY 204*	3
PHY 274*	1
CHN 103	3
TOTAL CREDITS	17

SEMESTER 4	CREDITS
CVE 220	3
ISE 220	1
MCE 263	3
MTH 244	3
PHY 205	3
PHY 275	1
CHN 104	3
TOTAL CREDITS	17

SEMESTER MILESTONES
Overall GPA 2.00
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
Summer Study in Chinese - Strongly Recommended

Year 3

SEMESTER 5	CREDITS
MCE 201	3
MCE 301	3
MCE 341	3
MCE 354	3
MCE 372	3
CHN 205	3
TOTAL CREDITS	18

SEMESTER 6	CREDITS
ELE 220	3
MCE 302	3
MCE 313	3
MCE 348	3
MCE 366	3
CHN 206	3
TOTAL CREDITS	18

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
Gen Ed	3
Gen Ed	3
CHN 3xx or 4xx	3
CHN 3xx or 4xx	3
TOTAL CREDITS	12

SEMESTER 8	CREDITS
CHN xxx	3-6
TOTAL CREDITS	3-6

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
MCE 401	3
MCE 414	3
CHE 333	3
Professional elective	3
Gen Ed	3
EGR/CHN 413 (professional elective)	3
TOTAL CREDITS	18

SEMESTER 10	CREDITS
MCE 402	3
Professional elective	3
Professional elective	3
Gen Ed	3
Gen Ed	3
CHN 4xx (Literature)	3
TOTAL CREDITS	18

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): _____
 English Communication (ECw): _____
 Letters (L): _____
 Letters (L): _____

Social Science: _____
 Social Science (use ECN 201): _____
 Literature (400-level CHN Lit.): _____
 Fine Arts: _____

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

English Communications (EC): 6 credits, one must be 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 MCE majors. Consider opting for a second course with a global or China/Asia focus, i.e. PSC 116 or 377.

Letters (L): 6 credits. Consider taking a Chinese/Asian History or Philosophy class, such as HIS 171, 374; PHL 331; or RLS 131, 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 Chinese 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 Chinese/Asian 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 MECHANICAL ENGINEERING MAJOR (See course catalog and department website for more detail.) CHM 101, 102, 333; CVE 220; ECN 201; EGR 105, 106; ELE 220; ISE 240, 241; MCE 201, 262, 263, 301, 302, 313, 341, 348, 354, 366, 372, 401, 402, 414; MTH 141, 142, 243, 244; PHY 203, 204, 205, 273, 274, 275; three MCE professional electives (2 of which must be taken at URI) and one additional professional elective (300-, 400- or 500-level course offered by the COE, or the Dept. of: Chemistry, Physics, Computer Science & Statistics; or a 400- or 500-level mathematics course; may be fulfilled by EGR/CHN 413 with prior approval--be sure to check which semester this course is offered in a given year.) Professional elective courses taken outside URI are subject to URI rules on transfer credit and require prior written approval.

REQUIREMENTS FOR IEP CHINESE MAJOR (See course catalog for more detail.) At least 30 credits in CHN, not including CHN 101 or 102. You must complete six credits in Chinese literature and civilization, at least three of which must be taken at the 400 level; and CHN/EGR 413 (this course may satisfy an engineering elective for the MCE major). You must also complete six credits in Chinese/Asian history, Chinese/Asian politics, or Chinese/Asian philosophy offered through other departments in English; select from the following, which can be counted towards the General Education requirement: HIS 171, 374; PHL 331; RLS 131; PSC 116, 377; or from other courses on Chinese culture and civilization as approved by the program director.

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 language 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.