

Degree Program Curriculum: SCAP Undergraduate Minor in German for Engineers

The undergraduate Minor in German for Engineers is a degree program housed by the School of Collaborative Academic Programs and consists of a minimum of 18 credit hours with German courses offered in the College of Humanities and Social Sciences in the Department of World Languages, Literatures, and Culture and internship or independent study courses offered by several departments in the College of Engineering. Students must complete at least 5 German courses, for a combined total of 17 credit hours. Elective courses or course alternatives allow students to choose one praxis option within the Minor. This can be course credit for an Engineering internship with a company based in or connected to a German-speaking region, at least one semester of study abroad at an institution where German is the main language of instruction, or the successful completion of an engineering-related LSU Summer Program Abroad with focus on Austrian, Swiss, or German businesses and industries. The course breakdown is as follow:

GERMAN (17 credit hours total)

GERM 1101 Elementary German (4)

[LCCN: CGRM 1014, Elementary German I] This is a General Education course. Native speakers of German will not receive credit for this course. Basic lexicon and structures of German; emphasis on communicative language use; supplementary work in language and computer laboratories.

*** GERM 1102 Elementary German (4)**

[LCCN: CGRM 1024, Elementary German II] This is a General Education course. Prereq.: [GERM 1101](#) or equivalent. Continuation of [GERM 1101](#). Native speakers of German will not receive credit for this course. Basic lexicon and structures of German; emphasis on communicative language use. Supplementary work in language and computer laboratories.

*** GERM 2101 Intermediate German (3)**

[LCCN: CGRM 2013, Intermediate German I] This is a General Education course. Prereq.: [GERM 1102](#) or equivalent. Native speakers of German will not receive credit for this course. Reading, conversation, composition; review of lexicon and structure; supplementary work in language and computer laboratories.

*** GERM 2102 Intermediate German (3)**

[LCCN: CGRM 2023, Intermediate German II] This is a General Education course. Prereq.: [GERM 2101](#) or equivalent. Continuation of [GERM 2101](#). Native speakers of German will not receive credit for this course. Reading, conversation, composition; emphasis on lexicon of spoken German; supplementary work in language and computer laboratories.

*** GERM 3060 German for Business (3)**

Prereq.: [GERM 2102](#) or equivalent. Introduction to German in a business environment: focus on linguistic structures and vocabulary, forms of business communication, reading of business text and social customs.

ENGINEERING INTERNSHIPS (1-4 credit hours each)

*** ** BE 4989 Independent Study in Biological Engineering (1-4)**

Prereq.: senior standing. Written engineering report required. May be taken for a max. of 6 sem. hrs. of credit when topics vary. Biological engineering practice; library research, experimental and/or theoretical investigation.

*** ** CHE 3249 Co-op in the Chemical Engineering Industry (3)**

Prereq.: a grade of "C" or better in [CHE 2171](#) and consent of instructor. Pass/fail grading. A minimum of 13 weeks of full-time employment (520 hrs. min) with a company in the chemical engineering related industry working in a chemical engineering capacity and participating in the ChE Co-op Program. (CHE 3249 must be taken the semester after the completion of the co-op assignment.) Students will engage in coursework related to their experiences garnered during their co-op assignment.

*** ** CM 4208 Internship in the Construction Industry (3)**

*Prereq.: consent of instructor. Pass/fail grading.
A minimum of 8 weeks of full-time employment (320 hrs. min.) or a minimum of 16 weeks of part-time employment (320 hrs. min.) by a construction company participating in the CM Internship Program. Selected job positions/descriptions in the construction industry.*

*** ** EE 3070 Engineering Practice (3)**

Prereq.: permission of department and either completion of one co-op session or six months of full time employment in an appropriate area. Pass-fail grading. Written final report required. Work experience in solving electrical and computer engineering problems in an engineering environment.

*** ** CSC 3999 Independent Undergraduate Research (1-3)**

Prereq.: consent of department chair. May be taken for a max. of 4 hrs. of credit. Individual readings, conferences and program development in computer science.

*** ** IE 3699 Engineering Practice (3)**

Prereq.: consent of instructor. Pass-fail grading. A minimum of 6 weeks of full-time employment in industry on Industrial Engineering related design problems. Selected engineering problems in an industrial environment.

*** ** ME 3249 Engineering Practice (1-3)**

Offered in Su *Prereq.: [ME 2334](#) and consent of instructor. Pass-fail grading. A minimum of 6 weeks of full-time employment by an industry participating in the summer program. Selected engineering problems in an industrial environment.*

ALTERNATIVES (credit hours vary)

**** Long-term study abroad:** at least one semester of study abroad at a university in Germany, Austria, or Switzerland where German is the main language of instruction;

**** Short-term study abroad:** completion of an engineering-related LSU Summer Program with focus on Austrian, Swiss, or German businesses and industries, such as the program *Encounter Engineering in Europe (E3)*

[*course requires a pre-requisite or instructor/department chair approval]

[**Specific assignments must be vetted for suitability for inclusion in certificate, require approval by William Brookshire Student Services in the College of Engineering]