

B.S. CIVIL ENGINEERING
Plan of Study (BA in German)

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| Year 1 | Fall | | Spring |
| | FYEX Foundation for College Success | | |
| | ENGR 100 Introduction to Engineering Design + ENGR 162 Intro to Eng. Graphics (3 Cr.) | | DASC 120 Statistics I (Lab) |
| | MATH 113 Calculus I | | MATH 114 Calculus II |
| | GEOL 163 Applied Geology (Lab) | | PHYS 211 Classical Physics I |
| | GERM 111 Elementary German I | | GERM 112 Elementary German II |
| | January-term | | Summer |
| CORE requirement | ↔ | CORE requirement | |
| Year 2 | Fall | | Spring |
| | ENGR 160 Surveying (2 Cr.) | | |
| | ENGR 220 Statics | | ENGR 221 Mechanics of Materials (Lab) |
| | MATH 210 Introduction to Differential Equations & Systems | | SCI/MATH Elective (4 Cr.) |
| | CHEM 109 General Chemistry for Engineers (Lab) –OR– CHEM 111 General Chemistry I (Lab) | | ENGR 368 Fluids Mechanics for Civil Engineering (Lab) |
| | GERM 211 Intermediate German I | | GERM 212 Intermediate German II |
| | January-term | | Summer |
| CORE requirement | ↔ | CORE requirement | |
| Year 3 | Fall | | Spring |
| | ENGR 362 Constr./Engineering Econ. Analysis (Lab) | | ENGR 464 Design of Steel & Concrete Structures (Lab) |
| | ENGR 364 Structural Analysis | | ENGR 466 Transportation Engineering |
| | ENGR 363 Construction Materials (Lab) | | GERM (1) 3XX or 4XX |
| | GERM 300 Introduction to German Studies | | GERM 330 Intercultural Comp. Study/Work Abroad |
| | January-term | | Summer |
| CORE requirement | ↔ | ENGR 305.03 LOCAL Internship | |
| Year 4 | Fall – In Germany | | Spring – In Germany |
| | GERM (2) 3XX or 4XX Summer language class | | ENGR 305.A03 Global Internship |
| | GERM (3) 3XX or 4XX | | |
| | GERM (4) 3XX or 4XX | | |
| | ENGR 3XX or 4xx Elective | | |
| CORE requirement | | | |
| Year 5 | Fall | | Spring |
| | ENGR 480 Engineering Design Clinic I | | ENGR 481 Engineering Design Clinic II |
| | ENGR 366 Soil Mechanics (Lab) | | ENGR 467 Water Resources |
| | ENGR 468 Environmental Engineering | | ENGR Civil Elective (4 Cr.) |
| | GERM (5) 3XX or 4XX | | GERM (6) 3XX or 4XX |
| GERM 478 Experiential Learning | | | |

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| | January-term | | Summer |
|--|------------------|--|--------|
| | CORE requirement | | |

REFERENCE THE GENERAL PLAN OF STUDY FOR CURRICULUM REQUIREMENTS AND COURSE OFFERINGS

German Requirements: 44 German Credits

GERM 111 – Elem. Germ I (4 credits), GERM 112 – Elem. Germ II (4 credits), GERM 211 – Intermediate Germ I (4 credits), GERM 212 – Intermediate German II (4 credits), GERM 300 – Introduction to German Studies (4 credits), GERM 3XX or 4XX (24 credits)

International Engineering Requirement (IEP)

ENGR 305.03 (3-months local internship) & ENGR 305.A03 (6-months international internship) (0 credits), Study Abroad GERMAN for the Professions, Technical GERMAN
 GERM 478 Experiential Learning (2 credits)
 GERM 330 (488): Intercultural Competence: Prep Study/Work abroad (2 credits)