

**GERMAN****GERM 101, 102 German Level 1 and 2**

(4/4, F&amp;S)

Introduces and develops the skills of comprehending, speaking, reading and writing German, with particular attention to pronunciation and intonation. Also introduces students to the cultures and histories of German-speaking countries. GERM 102: Competency: Foreign Language.

**GERM 205 Intermediate German**

(4, OD)

Bridges the gap between beginning-level and advanced courses. Attention paid to building vocabulary, developing reading strategies, improving writing skills, and facilitating conversation. Includes grammar review and enhancement.

**GERM 301 German Conversation & Readings**

(4, OD)

Intensive practice in speaking German. Oral discussions and reports based on contemporary readings. Prerequisite: German 205 or equivalent or permission of instructor.

**GERM 395, 495 Special Topics**

(1-4, OD)

**GERM 191, -2; 291, -2; 391, -2; 491, -2 Independent Study**

(1, 2, 3 or 4)

**Forestry** (see Biology)**French** (see Foreign Languages)**General Science** (major)

**Department of Physics and Earth Science:** Mark E. Yuly, chair. Keith A. Horn, Associate Dean

**Web site:** [www.houghton.edu/academics/programs/physics](http://www.houghton.edu/academics/programs/physics)

**Phone:** 585.567.9280

**General Science Major: BS** (49 hours)

**General Information**

The general science major is made up of eight hours each in mathematics, biology, chemistry, physics, and earth science, eight or more hours additional concentration in one of the four science areas in courses numbered 200 or above, and a one-hour seminar.

The requirements for the general science major are as follows:

MATH 181	Calculus I.....	4
MATH 182	Calculus II .....	4
PHYS 151, 152	General Physics I, II.....	8
BIOL 151, 152	General Biology I, II.....	8
CHEM 151, 152	General Chemistry I, II .....	8
ESCI 101	Physical Geology.....	4
ESCI Elective or PHYS 102	General Astronomy.....	4
BIOL/CHEM/PHYS/ESCI 480	Senior Capstone: General Science Seminar.....	1
	8 additional hours in Biology, Chemistry, Physics or Earth Science in courses numbered 200 or above .....	8