The goal of this course is for students to develop the English proficiency they need to effectively and energetically communicate their professional achievements within the international scientific community. To this end, students will be divided into three classes and will take four modules. In the first module, they will study the basics of scientific communication. Thereafter, they will rotate through three modules on scientific writing, scientific presentation, and multimedia communication. Classes will be conducted entirely in English, so students will also hone their listening skills.

Upon completion of the course, students will have a foundation for sharing knowledge and ideas with other scientists in English.

**Basics of Scientific Communication Module**

- **Week 1 (April 15, 2019)**: Introducing oneself in academic situations
- **Week 2 (April 22, 2019)**: Describing and classifying
- **Week 3 (May 9, 2019)**: Describing a process
- **Week 4 (May 13, 2019)**: Describing data in graphics
- **Week 5 (May 20, 2019)**: Interpreting results

**Scientific Writing Module (rotation)**

- **Week 1**
  (May 27, October 7, November 18, 2019)
  Structure of the research paper: Introduction section
  Language of the research paper: Punctuation

- **Week 2**
  (June 3, October 18, November 25, 2019)
  Structure of the research paper: Methods section
  Language of the research paper: Word choice

- **Week 3**
  (June 10, October 21, December 2, 2019)
  Structure of the research paper: Results section
  Language of the research paper: Verbs

- **Week 4**
  (June 17, October 28, December 9, 2019)
  Structure of the research paper: Discussion section
  Language of the research paper: Redundant words and phrases
Week 5 (June 24, November 6, December 16, 2019)

**Module test**

*Scientific Presentation Module (rotation)*

**Week 1** (May 27, October 7, November 18, 2019)
- Developing a sound hypothesis

**Week 2** (June 3, October 18, November 25, 2019)
- Deconstructing a presentation

**Week 3** (June 10, October 21, December 2, 2019)
- The fine points of a scientific presentation

**Week 4** (June 17, October 28, December 9, 2019)
- Aesthetics of a scientific presentation

**Week 5** (June 24, November 6, December 16, 2019)
- Student presentations and peer grading

*Multimedia Communication Module (rotation)* (Students must bring a computer to class)

**Week 1** (May 27, October 7, November 18, 2019)
- Introduction to project

**Week 2** (June 3, October 18, November 25, 2019)
- Visual communication

**Week 3** (June 10, October 21, December 2, 2019)
- Video editing

**Week 4** (June 17, October 28, December 9, 2019)
- Workshop

**Week 5** (June 24, November 6, December 16, 2019)
- Video review

評価方法  In-class and homework assignments

教科書  Handouts etc provided by the instructors

参考書