

GRADUATE STUDIES (GRST)

Graduate students may enroll in Graduate Studies (GRST) courses for professional development or to fulfill certain enrollment requirements. No major is granted in Graduate Studies.

Courses primarily for graduate students, open to qualified undergraduates:

GRST 5000T: Graduate Transfer Credit

Credits: 0-99. Contact Hours: Lecture 0.

Repeatable.

GRST 5310X: Thriving in Graduate School

Credits: 1. Contact Hours: Lecture 1.

Part one of a four-part series of courses in the Center for Communication Excellence's (CCE's) Academic Communication Practices (AcComP) Certification Track. Focus on identifying and overcoming challenges associated with the transition to graduate school. Orientation to Graduate College standards, resources, and requirements. Determining goals for graduate education. Offered on a satisfactory-fail basis only. (Typically Offered: Fall)

GRST 5320X: Mapping Graduate School Trajectory

Credits: 1. Contact Hours: Lecture 1.

Part two of a four-part series of courses in the Center for Communication Excellence's (CCE's) Academic Communication Practices (AcComP) Certification Track. Focus on planning for empirical research and responsible research standards. Utilizing Graduate College, CCE, and university resources to succeed in graduate school. Orientation to creative component/thesis/dissertation expectations and guidelines. Identifying strategies to achieving goals in graduate education. Offered on a satisfactory-fail basis only. (Typically Offered: Spring)

GRST 5330X: Sustaining Productivity through Accountability in Graduate School

Credits: 1. Contact Hours: Lecture 1.

Part three of a four-part series of courses in the Center for Communication Excellence's (CCE's) Academic Communication Practices (AcComP) Certification Track. Focus on reporting and disseminating research findings, maintaining accountability, and producing high quality communication. Preparation for creative component/thesis/dissertation phase and meeting of Graduate College requirements. Executing strategies to achieving goals in graduate education. Offered on a satisfactory-fail basis only. (Typically Offered: Fall)

GRST 5340X: Attaining Success in Graduate School

Credits: 1. Contact Hours: Lecture 1.

Part four of a four-part series of courses in the Center for Communication Excellence's (CCE's) Academic Communication Practices (AcComP) Certification Track. Focus on preparing creative component/thesis/dissertation and readying for the job market. Preparation for final oral exam phase and meeting the graduation requirements. Achieving goals in graduate education. Offered on a satisfactory-fail basis only. (Typically Offered: Spring)

GRST 5360: Preparing Publishable Thesis Chapters

(Cross-listed with ENGL 5360).

Credits: 3. Contact Hours: Lecture 3.

Prereq: Instructor Permission for Course

Reporting original research results within the norms for writing of a student's discipline. Emphasis on preparing thesis/dissertation chapters that will be both acceptable to the Graduate College and ready for submission to a refereed journal in the student's discipline. Focus on reporting results from student-generated original research, norms for discourse within disciplines, and how thesis chapters differ from journal manuscripts. (Typically Offered: Fall, Spring)

GRST 5400A: English for Teaching Purposes (Intermediate-Low)

Credits: 3. Contact Hours: Lecture 3.

Repeatable, maximum of 3 credits.

Emphasis on pronunciation improvement and greater fluency in spoken English. Placement based upon OECT test results. Persons whose native language is English cannot take GRST 5400 for credit. No more than one section of GRST 5400 may be taken per semester; up to two sections total. Graduation Restriction: Credit for GRST 5400 does not apply toward graduation. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring)

GRST 5400B: English for Teaching Purposes (Intermediate-Mid)

Credits: 3. Contact Hours: Lecture 3.

Repeatable, maximum of 3 credits.

Placement based upon OECT test results. Persons whose native language is English cannot take GRST 5400 for credit. No more than one section of GRST 5400 may be taken per semester; up to two sections total. Graduation Restriction: Credit for GRST 5400 does not apply toward graduation. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring)

GRST 5400C: English for Teaching Purposes (Intermediate-High)

Credits: 3. Contact Hours: Lecture 3.

Repeatable, maximum of 3 credits.

For students who have completed GRST 5400A or GRST 5400B but have not reached the passing level on the OECT test. Placement based upon OECT test results. Persons whose native language is English cannot take GRST 5400 for credit. No more than one section of GRST 5400 may be taken per semester; up to two sections total. Graduation Restriction: Credit for GRST 5400 does not apply toward graduation. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring)

GRST 5400D: English for Teaching Purposes (Advanced)

Credits: 3. Contact Hours: Lecture 3.

Repeatable, maximum of 3 credits.

Developing explanations, leading discussions and handling questions in a teaching environment. Placement based upon OECT test results. Persons whose native language is English cannot take GRST 5400 for credit. No more than one section of GRST 5400 may be taken per semester; up to two sections total. Graduation Restriction: Credit for GRST 5400 does not apply toward graduation. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring)

GRST 5400E: English for Teaching Purposes (Supervised Independent Study)

Credits: 1. Contact Hours: Lecture 1.

Repeatable, maximum of 1 credits.

Seminar with individual observation and consultation. Placement based upon OECT test results. Persons whose native language is English cannot take GRST 5400 for credit. No more than one section of GRST 5400 may be taken per semester; up to two sections total. Graduation Restriction: Credit for GRST 5400 does not apply toward graduation. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring)

GRST 5480X: Improving academic and professional speaking skills

Credits: 2. Contact Hours: Lecture 2.

Skill building to improve oral presentation fundamentals for graduate students in any discipline. Principles and guidance in both personal speaking style and maximizing impact of presentation software. In-depth lectures and class discussions on all aspects of presentation skills. Video and anonymous peer review of individual speeches. (Typically Offered: Spring)

GRST 5650: Responsible Conduct of Research in Science and Engineering

Credits: 1. Contact Hours: Lecture 1.

Ethical and legal issues facing researchers in the sciences and engineering. (Typically Offered: Fall, Spring)

GRST 5660: Communications in Science

Credits: 1. Contact Hours: Lecture 1.

Repeatable, maximum of 8 credits.

Focus on enhancing professional communication skills to convey scientific knowledge and discoveries to broader audiences. Emphasis on developing best practices for communicating science to a wide range of specialist and non-specialist audiences including disciplinary researchers, interdisciplinary scholars, industry professionals, governmental bodies, media representatives, and the general public. (Typically Offered: Fall)

GRST 5670: Time Management and Mentoring

Credits: 0.5. Contact Hours: Lecture 0.5.

Balancing life and career; mentoring; lab management. (Typically Offered: Fall, Spring, Summer)

GRST 5680: The Interview Process

Credits: 0.5. Contact Hours: Lecture 0.5.

Applying and interviewing for academia, industry and government. (Typically Offered: Fall, Spring, Summer)

GRST 5690: Grant Writing

(Cross-listed with ENGL 5690).

Credits: 1. Contact Hours: Lecture 1.

Writing a winning proposal. (Typically Offered: Spring)

GRST 5700: Teaching Practices

Credits: 0.5. Contact Hours: Lecture 0.5.

Preparation of a teaching portfolio and course materials; lecturing, technology. (Typically Offered: Fall, Spring, Summer)

GRST 5850: Preparing Future Faculty Introductory Seminar

Credits: 2. Contact Hours: Lecture 2.

Prereq: Instructor permission and admission into the Preparing Future Faculty Program

Development of job application materials for faculty positions. Considerations of faculty life issues such as job searches, tenure expectations, position responsibilities, and work-life balance. Visiting speakers from a variety of institutions share their experiences. Written components include presentation reflections and preparation of an application-ready academic job packet. (Typically Offered: Fall)

GRST 5860: Preparing Future Faculty Intermediate Seminar

Credits: 0-3. Contact Hours: Lecture 3.

Development of additional job application materials for faculty positions and a working knowledge of a variety of other faculty skills to successfully navigate the first years on the job: inclusive classroom, ethics, public speaking, career management, and teaching skills from course design to delivery and assessment. (Typically Offered: Spring)

GRST 5870: Preparing Future Faculty Teaching Practicum

Credits: 1-3. Repeatable.

Prereq: GRST 5850, *credit or enrollment in GRST 5860, instructor permission*

Participants complete a stand-alone teaching experience at Iowa State or another institution of higher education. Written components include journaling, peer observation, reading reflection, and a teaching portfolio suitable for the academic job search process. (Typically Offered: Fall, Spring)

GRST 5880: Preparing Future Faculty Special Topics

Credits: 1-3. Repeatable.

Prereq: *Instructor Permission for Course*

In-depth study of topic providing further academic professional development. Written components include journaling, project management, a project report, and a reading reflection. (Typically Offered: Fall, Spring)

Courses for graduate students:**GRST 6800: Doctoral Post Prelim (Continuous) Registration**

Credits: Required. Repeatable.

Reserved for doctoral students on pre-approved leave (medical, military, maternity, family/emergency) who have passed the preliminary exam and have not yet taken the final exam. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring)

GRST 6810A: Required Registration: Doctoral Continuous Registration

Credits: 1. Repeatable, maximum of 6 times.

Course is available for students pursuing doctoral degrees who have passed their preliminary oral examination. Continuous enrollment is required for PhD students during fall and spring semesters between the preliminary oral exam and their final oral examination. Graduation Restriction: This course cannot be used toward graduation. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring)

GRST 6810B: Required Registration: Final Exam Only

Credits: 1. Repeatable.

Course is available for students who are ready to have their Final Oral Examination. Enrollment is required for students during the semester of their final oral examination. Late registration of this course requires that the Request for Final Oral Examination has been submitted. Graduation Restriction: This course cannot be used toward graduation. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring, Summer)

GRST 6810C: Required Registration: Graduate Assistant Enrollment

Credits: 1. Repeatable.

Offered on a satisfactory-fail basis only.

GRST 6970: Curricular Practical Training

Credits: Required. Repeatable.

Professional work period. (Typically Offered: Fall, Spring, Summer)

GRST 6980: Graduate Internship: Part-Time CPT

Credits: Required.

Internship course for graduate students completing part-time internship. Internship is fewer than 20 hours per week or fewer than 90 days. International students must have approved part-time CPT prior to the semester of enrollment. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring, Summer)