

An increasing number of careers demand that students have integrated, advanced skills and expertise in more than one field of study. Careers in education, leadership, management, and religion require a holistic grasp on philosophical, ethical, and pedagogical interrelationships. The interdisciplinary programs provide a framework where faculty and students can engage in scholarly pursuits which require such interrelationships.

Academic Programs	Credits
MA: Communication Interdisciplinary Studies (see Communication Department)	40–43
MS: Mathematics and Science (see Mathematics and Science program listing)	32–40

## Graduate Programs

The College of Arts and Sciences (in cooperation with other schools) offers graduate programs leading to the MA: Communication Interdisciplinary Studies (see Communication for the program description), and to the MS: Mathematics and Science (see Mathematics and Science for the program description and parallel references to this program under Biology, Chemistry, Mathematics, and Physics).

**C e (C ed )**  
See inside front cover for symbol code.

Details of departmental course offerings and course descriptions may be obtained from the department(s) involved. A list of enroll-

**IDSC498** (variable)

PLA (Prior Learning Assessment) is a process which validates learning experiences that have occurred outside traditional college/university academic programs. A portfolio of evidence for demonstrating experience and competency justifies and determines the amount of credit granted. Repeatable with different topics.

**IDSC499** V (.5)

AU/GU course. The development of a portfolio of evidence to present for Prior Learning Assessment.

**IDSC526** (2)

Discussion of science and epistemology in the context of Christian faith, scientific model building, the church-science interface, and ethical considerations. An interdisciplinary course recommended for all graduate students in the sciences.

**IDSC550** (1-3)

A web-based seminar providing an orientation to a topic associated with graduate certification, including an introduction to the most important sources, an overview of salient issues and problems, an inventory of baseline competencies, and a survey of professional opportunities.

**IDSC575** (1)

Current research topics in mathematics and physical sciences. Attendance at 12 hours of research presentations, a paper, and a presentation of a current research topic.

**IDSC597** (1)

An organized collection of educational and professional accomplishments to date is produced. This will include basic personal and background information, a profile of the student's organization, outstanding academic work, and other products acquired during his/her time in the program.

**IDSC640** (1-3)

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A web-based seminar providing an orientation to the topic making up the certificate concentration, including an introduction to the most important sources of information about the topic; an overview of salient issues and problems related to the topic; an orientation to communities of researchers and professionals working on the topic; an inventory of baseline competencies of persons professing expertise on the topic; and a survey of opportunities for professional involvement related to the concentration.

**IDSC640** (2)

An ethical framework for the understanding of social transformation. Ethical paradigms are explored.