Interdisciplinary Studies

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Degrees Conferred:
M.S., Ph.D. in Cell and Molecular Biology (http://catalog.uark.edu/graduatecatalog/programsofstudy/cellandmolecularbiologycemb) (CEMB)
Ph.D. in Environmental Dynamics (http://catalog.uark.edu/graduatecatalog/programsofstudy/environmentaldynamicsendy) (ENDY)
M.S., Ph.D. in Microelectronics-Photonics (http://catalog.uark.edu/graduatecatalog/programsofstudy/microelectronicsphotonicsmeph) (MEPH)
Ph.D. in Public Policy (http://catalog.uark.edu/graduatecatalog/programsofstudy/publicpolicypubp) (PUBP)
M.S., Ph.D. in Space and Planetary Sciences (http://catalog.uark.edu/graduatecatalog/programsofstudy/spaceandplanetarysciencesspac) (SPAC)
M.S. in Statistics and Analytics (http://catalog.uark.edu/graduatecatalog/programsofstudy/statisticsandanalyticsstan) (STAN)

Graduate Certificates (non-degree) offered:
Cross-Sector Alliances (http://catalog.uark.edu/graduatecatalog/programsofstudy/crosssectoralliancescsal) (CSAL)

Housed in the Graduate School, the Division of Interdisciplinary Studies is the home department for the cross-college interdisciplinary graduate programs: Graduate Certificates in Cross-Sector Alliances, Preparing for the Professoriate, and Sustainability; M.S. and Ph.D. degrees in Cell & Molecular Biology; Ph.D. degree in Environmental Dynamics; M.S. and Ph.D. degrees in Microelectronics-Photonics; Ph.D. degree in Public Policy; M.S. and Ph.D. degrees in Space & Planetary Sciences; and M.S. in Statistics and Analytics. Program descriptions and course requirements may be found elsewhere in this catalog at the links above.

The common feature of these interdisciplinary programs is that their faculty members have voluntarily associated themselves with that academic community while being appointed faculty in our traditional departments. Each program operationally reports directly to the Associate Dean of the Graduate School, but works closely with the traditional departments that house actively participating program faculty members.

Courses
GRSD 400V. Research Experience Undergraduate Internship. 1-6 Hour.
Internship for students participating in an undergraduate research experience. May be repeated for up to 12 hours of degree credit.

GRSD 5003. The Professoriate: Teaching, Learning and Assessment. 3 Hours.
Designed to introduce the future academic professional to the expectations of the faculty teaching role in higher education. Topics include techniques of effective teaching and learning, dealing with a variety of institutional expectations, course management issues, and using models of effective teaching across a broad spectrum of class sizes and levels.

GRSD 5013. Practicum for Future Faculty. 3 Hours.
This course is designed to follow GRSD 5003 and to give participants opportunities to apply theories and methods learned in that course. To accomplish these goals, the course instructor helps the student arrange a mentoring opportunity as part of this course. Prerequisite: GRSD 5003. May be repeated for up to 6 hours of degree credit.

GRSD 502V. Special Topics in Preparing Future Faculty. 1-3 Hour.
Seminar on selected topics for those anticipating a career teaching in higher education. May be repeated for up to 6 hours of degree credit.

GRSD 5033. The Professoriate: Research and Service. 3 Hours.
Designed to complement GRSD 5003 by focusing on topics of interest to future academic professionals beyond those related to instruction. Topics include developing a research statement, strategies for securing an academic position the general nature of employment and service expectations in higher education, research ethics, and funding issues, including grant proposal writing.

GRSD 5041. Graduate Enrollment. 1 Hour.
This course allows a degree-seeking graduate student to continue as an active graduate student. Students should enroll in this course only when they are not enrolled in credit-bearing academic courses. This course cannot be counted for degree credit. May be repeated for degree credit.