

GRADUATE STUDIES IN SCIENCE EDUCATION

WEBSITE FOR GRADUATE STUDIES IN SCIENCE EDUCATION:

www.uncp.edu/biology/grad_programs



GRADUATE STUDIES IN SCIENCE EDUCATION AT UNCP

The Biology Department offers the graduate programs, in cooperation with the Chemistry and Physics and Geology and Geography Departments, leading to a Master of Arts in Science Education (M.A.)

The Department of Biology is an accredited member of SACS. The Science Education Program is accredited by the NCDPI and the National Council for Accreditation of Teacher Education. The UNC Pembroke science faculty bring diverse backgrounds and research to their instruction, and develop close professional relationships with their graduate students.

DR. RITA HAGEVIK

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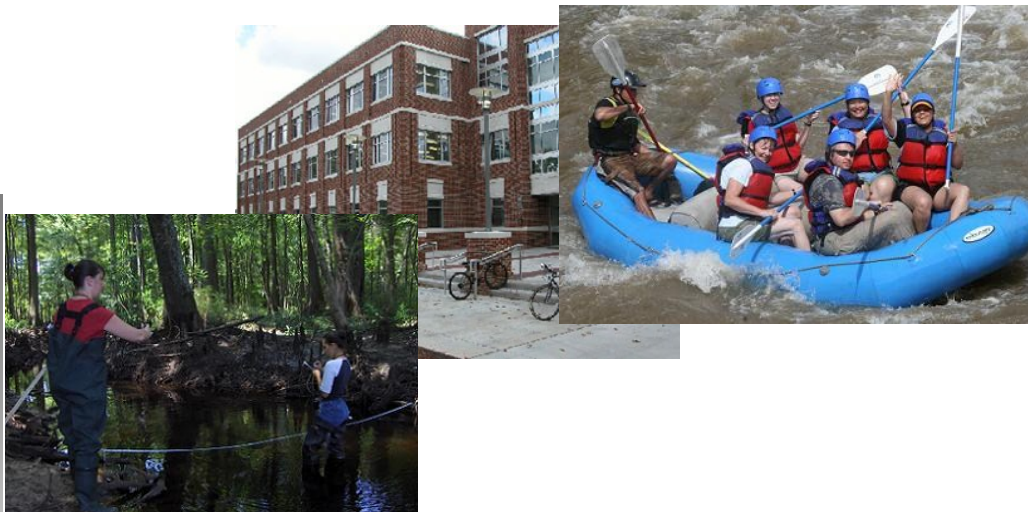


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M.A. Science Education is intended to prepare the experienced science teacher for full participation in the field as a leader, researcher, and master practitioner. It is designed for science teachers who have their teaching license, who, after successful completion of the program, obtain a North Carolina "M" license in science teaching.

M.A.T. Science Education is an interdisciplinary degree option within the Teacher Education degree program. The M.A.T. is intended for graduates from accredited colleges or universities with an undergraduate major in science or a science related field, but have few, if any education courses. The program is available to those seeking a science teaching license and/or wish to earn a master's degree in science teaching.

M.A. Science Education – Non-Licensure is available for those who do not wish to earn a teaching license. For example, those who have careers in community colleges or other non-formal and informal learning settings such as museums, aquaria, nature centers, zoos, and other government and community agencies.



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Dr. Rita Hagevik is the Director of Graduate Studies in Science Education at UNCP. Dr. Hagevik was awarded her Ph.D. from North Carolina State University in Science Education and Forestry. Her research and teaching interests include environmental education, geographic information systems and technology in education, the nature of science and inquiry in science education. She holds a K-12 teaching license in North Carolina and has taught secondary science in public schools for twelve years. Dr. Hagevik is the sponsor of the Science Education Club at UNCP.



Dr. David Zeigler is the Chairman of the Biology Department. His graduate degrees (M.S. and Ph.D.) were awarded from the University of North Texas. Specializations and special interests include animal behavior, evolution, and biodiversity. His Marine Biology undergraduate/graduate course is taught second summer session with Dr. Leon Jernigan through the study abroad program in which students travel to Bermuda.



Dr. Leon S. Jernigan, Jr. is an Associate Professor in the Biology Department. Dr. Jernigan was awarded his graduate degrees in zoology (M.S.) and botany (Ph.D.) from North Carolina State University. Dr. Jernigan's area of interest is wetland ecology and restoration. He co-teaches the Marine Biology course in which students travel to Bermuda to study the marine environment.



Dr. Debby Hanmer is an Assistant Professor in the Biology Department and coordinates the Sustainable Agriculture Program. Dr. Hanmer's teaching and research interests include mycology and botany. Dr. Hanmer holds a Ph.D. in Plant Pathology from The Ohio State University. During the first summer session, Dr. Hanmer teaches a graduate science study abroad course in which students spend two weeks exploring the ecosystems of Costa Rica.



Dr. Brian Postek is an Assistant Professor in the Chemistry and Physics Department. Dr. Postek holds a Ph.D. in Chemistry Education from Purdue University. He is co-director of the annual Region IV Science Fair held at UNCP and is a co-sponsor of the Science Education Club.



Dr. Martin B. Farley is the Chairman of the Geography and Geology Department. Dr. Farley was awarded his M.A. in geology from Indiana University, and his Ph.D. in Geology from Pennsylvania State University. His area of interests include paleontology and stratigraphy.