

Graduate Council Curriculum Committee Proposals in Queue

As of 10/21/2025

Proposals detailed below are currently in the Graduate Council Curriculum Committee queue and up for review and approval this academic term. If you have any questions regarding the information shared or a particular proposal, please reach out to Dr. Angelina C. Sylvain at asylvain@mailbox.sc.edu.

35 New Course Proposals; 36 Course Change Requests; 6 Course Inactivations;
2 New Program Proposals; 48 Program Change Requests; 0 Program Inactivations; **127 total proposals**

Courses - In Review

BIOS 772 (3) Artificial intelligence for Biomedical Data, (NCP: Spring 2026)	Introduces deep learning architectures for analyzing large-scale biomedical data including genomics, electronic health records, and medical imaging, emphasizing model interpretability, ethical considerations, multi-modal data integration with real-world example applications, and implementation using Python.
CHEM 732 (3) Nanoscale Behavior and Characterization of Polymers, (NCP: Spring 2026)	This course covers important concepts for understanding the behavior and characterization of polymers.
COMD 713 (2) Neurophysiology and Motor Speech Disorders, (CCP: Fall 2026)	Neurocognitive bases for speech and language in the central nervous system, including anatomy and physiology and clinical management of the neurogenic speech disorders. Major emphasis on neuroanatomy and neurophysiology, signs and symptoms, etiology, and the diagnosis and treatment of mo..
COMD 811 (1) Survey of Research in COMD, (NCP: Spring 2026)	Seminar-format orientation to the breadth of research in COMD. This seminar will introduce students to a variety of lines of research, populations, research designs, methods, and models. Content varies; topics announced in advance. Required to be repeated for 2 hours of credit to fulfill COMD Doctoral Program Curr..
COMD 812 (3) Scientific Writing in COMD (3) Papers & Grants, (NCP: Spring 2026)	This course provides structured training in scientific writing, with emphasis on manuscripts, grant proposals, and article critiques.
COMD 815 (1-3) Mentored Teaching in COMD, (NCP: Spring 2026)	Independent study course to mentor the doctoral student during their teaching as Instructor of Record. This course will help prepare students for the role of classroom educator - a large part of their academic career. Course content will include course design and preparation, student engagement, classroom management, l..
ECHE 723 (3) Advanced Computational Fluid Dynamics for Engineering Applications, (NCP: Spring 2026)	Use of computational fluid dynamics codes to analyze flow, heat, and mass transfer problems of practical engineering applications.
ECHE 760 (3) Introduction to Fusion Energy and Fusion Materials Science, (NCP: Spring 2026)	Fundamentals of plasma confinement and fusion reaction mechanisms. Comparative study of magnetic and inertial fusion systems. Materials challenges under extreme temperature, radiation, and particle flux. Evaluation of candidate structural and plasma-facing materials for next-generation fusion reactors.
ECHE 761 (3) Fusion Fuel Cycle and Tritium, (NCP: Spring 2026)	Fusion fuel cycle fundamentals and tritium breeding strategies. Isotope separation and recovery processes. Tritium handling, containment, and safety technologies. Integration of fuel cycle systems with reactor operation and materials performance.
ECHE 762 (3) Fusion Blanket Technology, (NCP: Spring 2026)	Principles of fusion breeding blanket design. Neutronics, thermal-hydraulics, and tritium breeding performance. Materials selection for structural and functional components. Integration of blanket systems with reactor operation and safety requirements.
ECHE 763 (3) Fuel Cycle and Blanket Modeling and Control, (NCP: Spring 2026)	Modeling and simulation of fusion fuel cycle processes and breeding blanket systems. Control strategies for isotope recovery, tritium inventory, and thermal management. Coupling of neutronics, materials behavior, and systems engineering. Computational methods for performance optimization and safety analysis.
ECHE 764 (3) Fuel Cycle Analytical Technologies and Tritium Accountancy, (NCP: Spring 2026)	Analytical techniques for tritium detection, measurement, and accountancy. Monitoring of fuel cycle processes and inventories. Methods for isotopic analysis, leak detection, and environmental monitoring. Application of analytical data to fuel cycle control and regulatory compliance.
ECHE 765 (3) Tritium Safety, Regulation, Supply, and Nonproliferation, (NCP: Spring 2026)	Safety principles for tritium handling and storage. Regulatory frameworks governing tritium use and transport. Global tritium supply, demand, and resource management. Nonproliferation concerns and safeguards in fusion fuel cycles.
EDCE 840 (3) Scholarly Inquiry and Dissertation Foundations, (NCP: Spring 2026)	Introduction to the process of developing a dissertation through design and preparation of the first three chapters, with emphasis on formulating research questions, conducting a critical literature review, and establishing a sound methodological framework.
EDLP 712 (3) PK-12 School Principal in Practice I, (NCP: Spring 2026)	The first of two courses in a required two-semester internship in PK-12 school settings.
EDLP 713 (3) PK-12 School Principal in Practice II, (NCP: Spring 2026)	The second of two courses in a required two-semester internship in PK-12 school settings.
ELCT 773 (3) Magnetics Design for Power Electronics, (NCP: Spring 2026)	Magnetics design for power electronic converters with a focus on kHz and kW designs including inductors and transformers with integrated thermal designs
FORL 712 (3) Advanced Methods in the Teaching of Foreign Languages, (NCP: Spring 2026)	Prepares pre-service secondary school teachers to design and deliver meaningful, communicative language instruction.

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HPEB 710 (3) Evaluation of Health Promotion Programs, (CCP: Fall 2026)	Planning and implementation of health education program evaluations. Emphasis on political, practical, and theoretical aspects of evaluation.
HPEB 770 (3) Health Education in Developing Countries, (Course Inactivation: Fall 2026)	Development of programs in predominantly rural third world countries. Foreign nationals may substitute this course for HPEB 700.
HTMT 768 (1-3) Contemporary Problems in the Lodging Industry, (CCP: Fall 2026)	Consideration and analysis of relevant contemporary problems and issues presently facing managers in the lodging industry.
HTMT 776 (1-3) Current Issues in Foodservice Management, (CCP: Fall 2026)	Critical issues impacting the management of food-service organizations.
HTMT 798 (1-3) Directed Study in HTMT, (CCP: Fall 2026)	Independent study for advanced students under faculty supervision. May be taken twice for degree credit.
ICOM 709 (3) Fundamentals of Data and Digital Communication I, (CCP: Fall 2026)	A comprehensive overview of data science basics and applications for communications. Introduces basic concepts, applications, and tools of data science for communication purposes. Includes basic theories and approaches in communications.
ICOM 710 (3) Fundamentals of Data and Communication II, (NCP: Spring 2026)	An advanced and comprehensive overview of data science applications and sophisticated methodologies for communications. Explores advanced concepts, complex applications, and sophisticated tools of data science for strategic communication purposes. Includes advanced theories and contemporary approaches i..
ICOM 795 (3) Special Topics in Information and Communications, (NCP: Spring 2026)	Discussion and critical examination of selected topics regarding information and communications including communication studies, data visualization, information security, leadership and management and other related topics. Topics vary by title. May be repeated a maximum of 3 times.
INDE 764 (1-6) Independent Study in Industrial Engineering, (NCP: Spring 2026)	Individual investigation or studies of special topics. Requires contract approval.
INDE 791 (1-6) Advanced Special Topics in Industrial Engineering, (NCP: Spring 2026)	Current developments in industrial engineering research and practice. Course content varies and will be announced in the schedule of classes by title.
ISCI 717 (3) Special Collections Librarianship, (CCP: Fall 2026)	Introduction to the missions, professional standards and best practices of special collections librarianships. Topics include access and acquisitions, collection assessment and development, collection management and maintenance, donor relations, public programming and current issues and trends. Restricted to ISCI gradu..
ISCI 724 (3) Special Libraries, (Course Inactivation: Fall 2026)	An overview of industrial, business, governmental, and professional libraries and related information organizations. Study of their organizational characteristics, governance, services, distinctive features. Major part of course is simulation of information management problems in these organizations.
ISCI 725 (3) Digital Libraries, (CCP: Fall 2026)	History and current state of digital records, including their storage, organization, and preservation in digital libraries.
ISCI 726 (3) Leading Knowledge-Intensive Organizations, (CCP: Fall 2026)	Overview of the creation, evaluation, documentation, sharing, and application of knowledge in information organizations.
ISCI 729 (3) Academic Libraries, (CCP: Fall 2026)	An analysis of the historical development and current issues in academic libraries.
ISCI 730 (3) Cataloging Information Materials, (CCP: Fall 2026)	An in-depth study of current descriptive cataloging standards covering both print and nonprint materials; searching, creating, editing, and updating encoded bibliographic records; introduction to authority records and control, subject headings, and classification.
ISCI 733 (3) E-Resources Management, (CCP: Fall 2026)	An in-depth study of current descriptive cataloging standards covering both print and nonprint materials; searching, creating, editing, and updating encoded bibliographic records; introduction to authority records and control, subject headings, and classification.
ISCI 735 (3) Metadata, (CCP: Fall 2026)	Examination of metadata definition, selection and applications; Role of metadata in information discovery, acquaintance with various metadata schemes and standards for libraries, museums, archives and info centers.

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ISCI 738 (3) Seminar in Technical Services, (Course Inactivation: Fall 2026)	Management, personnel, and materials within technical service departments for all types of libraries. Standardization, centralized and cooperative efforts, automation and evaluation as applied to all functions within technical services departments.
ISCI 741 (3) Educational Services in Library and Information Organizations, (Course Inactivation: Fall 2026)	Applications of human learning theory and presentation techniques to information literacy programs and curriculum collaboration for library and information professionals.
ISCI 743 (3) Health Information Retrieval in Electronic Environments, (Course Inactivation: Fall 2026)	Presents a survey of electronic information resources in the health sciences and an introduction to advanced searching techniques and analytical skills to access biomedical literature.
ISCI 751 (3) Libraries, Literacy, and Literature, (CCP: Fall 2026)	Ways in which libraries and librarians become more effective providers and partners in the literacy movement.
ISCI 755 (3) Page-Turners and Programs (3) Engaging Adult Readers in Libraries, (CCP: Fall 2026)	Materials popular with adult readers, the principles and practices of reader's advisory, and programs utilizing those materials. Emphasis on extensive reading, advisory techniques, and experience in planning and presenting engaging programs for diverse adult audiences.
ISCI 765 (3) Planning Library Facilities, (CCP: Fall 2026)	An introduction to the process of planning new and renovated spaces and facilities. Content covers roles of participants in planning preparation of building program and examines examples of recent buildings.
ISCI 770 (3) Design and Management of Databases, (CCP: Fall 2026)	Databases used in libraries and other information agencies, including operational and functional design. Extensive hands-on evaluation of selected database software packages.
ISCI 772 (3) Strategic Intelligence for Information Professionals, (Course Inactivation: Fall 2026)	Principles and practices of information gathering and analysis of open source information, including competitive intelligence, environmental scanning, and issues management; information evaluation and synthesis; role of strategic intelligence in modern organizations.
ISCI 777 (3) Design and Management of Digital Image Collections, (CCP: Fall 2026)	This course presents introductory concepts related to the creation, manipulation, and implementation of visual collections in various online environments. It identifies resources, procedures, and skills needed to successfully design, implement, and manage digital image collections in a collaborative environment.
ISCI 778 (3) Seminar in Information Science, (CCP: Fall 2026)	A critical examination of the principles, trends, and issues of modern information systems design and use.
ISCI 780 (3) Information Networks, (CCP: Fall 2026)	Identification and evaluation of information networks in libraries and other information agencies. The nature of networks, including hardware and software applications.
ISCI 787 (3) Seminar in Applied Information Systems for Information Specialists, (CCP: Fall 2026)	Application, management and evaluation of information systems for libraries and other information agencies, including emerging technical, administrative and management issues related to these systems.
ISCI 791 (3) Library and Information Science Study Away, (CCP: Fall 2026)	An intensive experience examining information systems, data management practices, and knowledge organization across different cultural and technological contexts. Students visit libraries, archives, research institutions, technology companies, and government information agencies to explore global approaches to i..
KORE 777 (0) Supervised Instruction in Teaching Foreign Languages in College, (NCP: Spring 2026)	Supervised direction of foreign language teaching in college. Required of all graduate assistants who are teaching. Will not count toward the 30-hour M.A. or M.A.T. degree.
LAWG 734 (3) Climate Change Seminar, (CCP: Fall 2026)	An exploration of the uniquely difficult challenges climate change creates for institutions, society, and the legal system. Global and domestic legal and regulatory options for addressing global climate change, including international legal and quasi-legal agreements such as the United Nations Framework Conventio..
LAWG 775 (3) Conservation Law in South Carolina, (NCP: Spring 2026)	The history of land conservation and environmental advocacy, with a specific focus on South Carolina laws and practices. Instruction on real estate laws applicable to acquiring lands outright, tax laws applicable to conservation easements, wetlands mitigation, heirs' property, and the practicalities of coordinating and fun..
LAWG 776 (3) Environmental Compliance and Enforcement, (NCP: Spring 2026)	Introduction to environmental compliance and enforcement from the initial stages of a complaint through the administrative, civil and criminal processes.
MCBA 702 (3) Human Microscopic Anatomy, (CCP: Fall 2026)	Lecture and active learning devoted to light microscopic and ultrastructural features of human cells, tissues, and organs. The correlations between structure and function are emphasized as well as the intimate relation of microscopic anatomy to biochemistry, physiology, and pathology.

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Programs - In Review

Adult Gerontology-Acute Care Nurse Practitioner, Certificate, (Program Change Request: Fall 2026)
Adult Gerontology-Acute Care Nurse Practitioner, M.S.N., (Program Change Request: Fall 2026)
Adult-Gerontology Acute Care Nurse Practitioner, D.N.P., (Program Change Request: Fall 2026)
Art Education, M.A.T. (P-12 Certification), (Program Change Request: Fall 2026)
Asset Management in Hospitality, Certificate, (New Program Proposal: Fall 2026)
Chemistry, M.S. (Restricted to students in the Chemistry Ph.D. program), (Program Change Request: Fall 2026)
Civil Engineering, M.E., (Program Change Request: Fall 2026)
Civil Engineering, M.S., (Program Change Request: Fall 2026)
Civil Engineering, Ph.D., (Program Change Request: Fall 2026)
Data and Communication, M.S., (Program Change Request: Fall 2026)
Economics, Ph.D., (Program Change Request: Fall 2026)
Education Administration, M.Ed., (Program Change Request: Fall 2026)
Educational Psychology and Research, Ph.D., (Program Change Request: Fall 2026)
Electrical Engineering, M.E., (Program Change Request: Fall 2026)
Electrical Engineering, M.S., (Program Change Request: Fall 2026)
Electrical Engineering, Ph.D., (Program Change Request: Fall 2026)
English / Library and Information, M.A. / M.L.I.S., (Program Change Request: Fall 2026)
Family Nurse Practitioner, Certificate, (Program Change Request: Fall 2026)
Family Nurse Practitioner, D.N.P., (Program Change Request: Fall 2026)
Family Nurse Practitioner, M.S.N., (Program Change Request: Fall 2026)
Health Information Technology, M.H.I.T., (Program Change Request: Fall 2026)
Health Services Policy and Management, M.H.A., (Program Change Request: Fall 2026)
Health Services Policy and Management, Ph.D., (Program Change Request: Fall 2026)
Information Technology, M.S., (Program Change Request: Fall 2026)
Journalism and Mass Communications, M.A., (Program Change Request: Fall 2026)
Journalism and Mass Communications, M.M.C., (Program Change Request: Fall 2026)
Music Education, M.A.T. (P-12 Certification), (Program Change Request: Fall 2026)
Music Education, M.M.Ed., (Program Change Request: Fall 2026)
Music Education, Ph.D., (Program Change Request: Fall 2026)
Music Performance, Certificate, (Program Change Request: Fall 2026)
Music Performance, M.M., (Program Change Request: Fall 2026)
Music, D.M.A., (New Program Proposal: Fall 2026)
Music, D.M.A., Conducting, (Program Change Request: Fall 2026)
Music, D.M.A., Piano Pedagogy, (Program Change Request: Fall 2026)

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Music, M.M., (Program Change Request: Fall 2026)
Nurse Midwifery, Certificate, (Program Change Request: Fall 2026)
Nurse Midwifery, D.N.P., (Program Change Request: Fall 2026)
Nurse Midwifery, M.S.N., (Program Change Request: Fall 2026)
Nursing Science, Ph.D., (Program Change Request: Fall 2026)
Performance Nutrition and Dietetics, M.S., (Program Change Request: Fall 2026)
Pharmaceutical Sciences, M.S., (Program Change Request: Fall 2026)
Pharmaceutical Sciences, Ph.D., (Program Change Request: Fall 2026)
Physical Education, M.A.T. (P-12 Certification), (Program Change Request: Fall 2026)
Physical Therapy, D.P.T., (Program Change Request: Fall 2026)
Psychiatric Mental Health Nurse Practitioner, Certificate, (Program Change Request: Fall 2026)
Psychiatric Mental Health Nurse Practitioner, M.S.N., (Program Change Request: Fall 2026)
Public Administration, M.P.A., (Program Change Request: Fall 2026)
Public Safety Executive Leadership, Certificate, (Program Change Request: Fall 2026)
Speech-Language Pathology, M.S., (Program Change Request: Fall 2026)
Statistics, Ph.D., (Program Change Request: Fall 2026)