College of Integrated Science and Technology

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Interim Dean
Dr. Sharon E. Lovell

Associate Dean
Dr. Rhonda M. Zingraff

Academic Units Offering Graduate Programs

Department of Communication Sciences and Disorders
Dr. Charles Runyan, Head

Department of Computer Science
Dr. Sharon Simmons, Head

Department of Graduate Psychology
Dr. Harriet Cobb, Head

Department of Health Sciences
Dr. Paula Maxwell, Interim Head

Department of Integrated Science and Technology
Dr. Eric Maslen, Head

Department of Kinesiology
Dr. Christopher Womack, Head

Department of Nursing
Dr. Merle E. Mast, Head

Mission
The College of Integrated Science and Technology encompasses programs of professional education whose common denominator is the use of science and technology to enhance the quality of life in the modern world.
Over the past several decades, remarkable developments have occurred in science and technology, altering our lives and our society. Continued development of human civilization, as well as of the quality of life in American society, depend on the integration of scientific knowledge, on technical capabilities, on the application of ethical principles, and on an understanding and appreciation of cultural commonalities and differences. Consequently, there is a need for individuals who understand the importance of discipline specialization, as well as cross-disciplinary connections, and also the integration of knowledge for practical application. These individuals must have the flexibility to be able to operate in an environment of uncertainty and complexity, the drive to seize such opportunities as may arise, and the vision and creativity to create new opportunities as needed. Our faculty is dedicated to producing graduates with a scientific knowledge base and a matching set of interpersonal, organizational and technical skills. To this end the faculty not only educates our students, but also serves as a source of inspiration and as role models.

The college places importance on carrying out its role within the community of Academic Affairs, working collaboratively with other colleges, and working in support of division-wide programs and priorities.

Mission Statement

The primary mission of the college is to educate students in the areas of the applied sciences, health, technology and human services, as well as to prepare them to enter professions or to undertake advanced study.

Goals

The goals of the College of Integrated Science and Technology are:

- to develop and sustain a community of faculty that pursues high-quality instructional, scholarly and service opportunities.
- to foster, among both faculty and students, life-long professional development, personal growth, and commitment to ethical behavior.
- to contribute to the betterment of society at local, regional, national and global levels.
- to promote and support a collaborative, interdisciplinary perspective.
- to emphasize innovation.
- to promote the wise use of appropriate technology and the application of scientific principles to everyday life.
- to encourage partnerships with industry, government, public and private agencies, and professional organizations.

Graduate Programs

Students may select from a variety of graduate programs that are available through the eight undergraduate departments in the College of Integrated Science and Technology. Programs offered include the following:

- Assessment and Measurement (Ph.D.)
- Combined-Integrated Clinical and School Psychology (Psy.D.)
- Clinical Audiology (Au.D.)
- Communication Sciences and Disorders (Au.D., Ph.D.)
- Communication Sciences and Disorders – Research (M.S.)
- Clinical, Mental and Health Counseling (M.A./Ed.S.)
- Computer Science (M.S.)
- Computer Science – Fifth Year Format (M.S.)
- Health Sciences (M.S.)
- Integrated Science and Technology (M.S.)
• Kinesiology (M.S.)
• Kinesiology – Fifth Year Format (M.A.T.)
• Nursing (M.S.N.)
• Occupational Therapy (M.O.T.)
• Physician Assistant Studies (M.P.A.S.)
• Psychological Sciences (M.A.)
• School Counseling (M.Ed.)
• School Psychology (M.A., Ed.S.)
• Speech Pathology – Clinical (M.S.)

Outreach Programs, Partnerships and Academic Centers

The College of Integrated Science and Technology places a high value on partnerships with the community. These partnerships and our outreach programs are integral to our academic programs and assist us in meeting our responsibility to participate in efforts to enhance the well being of our community. We value the impact of experiential activities on the enrichment of student learning. Many of the programs within the college are cross disciplinary in nature, reflecting our commitment and supporting the mission of the college. A listing of CISAT centers, outreach programs and partnerships may be found on the CISAT Web site at http://www.jmu.edu/cisat/.