

RADIATION TECHNOLOGY EDUCATION (RTED)

Courses

RTED 415. Teaching Practicum in the Radiation Sciences. 3 Units.

A project-based course in which B.S. degree radiation science students have the opportunity to demonstrate curriculum-related knowledge and skills in applicable settings.

RTED 474. Instructional Techniques for the Radiation Sciences. 3 Units.

Prepares B.S. degree students in the Radiation Science Program to create learning environments in medical imaging-related courses and clinical education. Students learn to create course content, develop presentations, design lessons, and evaluate learning.

RTED 475. Curriculum Development for the Radiation Sciences. 3 Units.

Prepares B.S. degree students in the Radiation Sciences Program to develop curricula in medical imaging-related programs and clinical environments. Includes curriculum development approaches, implementation, and evaluation for effectiveness in the clinical environment.

RTED 476. Adult Learning Theory for the Radiation Science Student. 3 Units.

Examines teaching and learning from theoretical perspectives as B.S. degree students in the Radiation Sciences Program relate to employment within the radiation science education and clinical education fields.

RTED 477. Learning Activities and Assessment for the Radiation Sciences. 3 Units.

Investigates active learning techniques, integration, and assessment approaches in imaging-related programs and clinical environments.

RTED 478. Online Instructional Design. 3 Units.

Explores the design of online or hybrid courses to incorporate active learning approaches and create community in the online environment.

RTED 484. Learning Environments for Radiation Science Students. 3 Units.

Prepares B.S. degree students in the Radiation Science Program in topics related to models, learning environments, and measures of success in medical imaging educational contexts.

RTED 485. Digital Design for the Radiation Sciences. 3 Units.

Utilizing a variety of platforms, introduces available digital technologies and explains key elements necessary to engage medical imaging students.

RTED 487. Issues in Radiation Sciences. 3 Units.

Prepares B.S. degree students in the radiation sciences to focus primarily on scholarly journal publications as they explore prevailing issues related to classroom and clinical education in the radiation sciences.