RADIOLOGY-NUCLEAR MEDICINE (RNU)

School of Medicine

RNU 198 — Directed Group Study (1-5 units)
Course Description: Directed group study.
Prerequisite(s): Consent of instructor; upper division standing.
Learning Activities: Variable.
Grade Mode: Pass/No Pass only.

RNU 199 — Special Study for Advanced Undergraduates (1-5 units)
Course Description: Special study for advanced undergraduates.
Prerequisite(s): Consent of instructor; upper division standing.
Learning Activities: Variable.
Grade Mode: Pass/No Pass only.

RNU 299 — Research: Special Study for Graduate Students (1-12 units)
Course Description: Special study for graduate students.
Prerequisite(s): Consent of instructor; graduate standing.
Learning Activities: Variable.
Grade Mode: Satisfactory/Unsatisfactory only.

RNU 401 — Biomedical Radiochemistry (3 units)
Course Description: Approved for graduate degree credit. Designed to combine basic nuclear physics, chemistry, and biology into a comprehensive and vigorous lecture-laboratory experience in biomedical nuclear chemistry. Subjects include choice and purification of appropriate gamma & beta radioisotopes, compounding biological pharmacodynamics and radioimmunoassay.
Prerequisite(s): Consent of instructor; open to graduate and medical students.
Learning Activities: Lecture 2 hour(s), Laboratory 3 hour(s).
Grade Mode: Honors/Pass/Fail.

RNU 411 — Radiological Physics I (Physics of Nuclear Medicine) (5 units)
Course Description: Physics of diagnostic and therapeutic nuclear medicine, nuclear physics, radioactive decay; interaction of ionizing radiation; dosimeters; attenuation; internal and external dosimetry; health physics; radiation detection and imaging, scintillation cameras, computerized planar and tomographic imaging. Offered at UC Davis Medical Center.
Prerequisite(s): Consent of instructor.
Learning Activities: Lecture 43 hour(s), Laboratory 12 hour(s).
Grade Mode: Honors/Pass/Fail.