

**RONC 800A - Research****Drs. B. Stea & S. Dougherty,**

3, 4 or 6 wks; maximum length of 6 wks; offered year round

Directly supervised/Patient care or non-patient care.

Maximum enrollment varies

Prerequisites: Consent of instructor

**Goals:** This elective consists of involvement in a research project of special interest to the student.**Format:** As arranged between student and instructor.**Evaluation Methods:** As arranged.**RONC 815A - Introduction to Radiation Oncology****Drs. B. Stea, D. Cohen & S. Dougherty**

3, 4 or 6 wks;; offered year round

Directly supervised/Patient care

Maximum enrollment of 4

Prerequisites: none

**Goals:**

1. To help the student develop clinical skills in patient evaluation.
2. To learn the natural history, methods of diagnosis and treatment for a wide variety of neoplastic disorders.
3. To acquaint the student with the principles of the employment of radiation in the cure and palliation of disease. The technical aspects will not be stressed.

**Format:** Each student will work with a series of faculty member preceptors on a rotating basis. Selected patients will be worked up and followed through their evaluation and treatment. Students will be given specific reading assignments appropriate for each patient. The student has the opportunity to see patients with a wide variety of tumors: gynecologic tumors, head and neck tumors, lymphomas, as well as many patients with lung, breast, prostate and other tumors. Approximately 60 patients per day are currently being seen, including new patients, follow-up patients and patients under treatment. Students will participate in the wide range of teaching conferences which occur in the department and will also participate in interdisciplinary conferences which occur. Students may work out individualized programs with specific preceptors if they wish.**Evaluation Methods:** Evaluation by staff during student's rotation based on fund of knowledge, initiative, reading and performance.**RONC 816D - Neuro-Oncology****Dr. B. Stea (Radiation Oncology)**

Directly supervised/Patient care

Maximum enrollment of 2

Prerequisites: Neurology 803

**Goals:** To familiarize students with advancements in brain tumor therapy and to gain experience in neurological complications of cancer and in cancer pain management.**Format:** Students will attend neuro-oncology clinics at AHSC, Tucson or at a private practice. They will also evaluate and follow selected hospitalized patients, observe appropriate neurosurgical and radiotherapeutic procedures and attend weekly brain tumor conferences.**Evaluation Methods:**

1. Observation of the student's examination skills, knowledge and participation during the elective.
2. A short presentation (50 minutes) reviewing a specific topic in neuro-oncology will be required.
3. An evaluation form will be used to assess the utility of the elective.

**RONC 899 - Independent Study****Faculty**

2, 3, 4, 5 or 6 wks; maximum length of 18 wks; offered year round

Directly supervised/Patient care or non-patient care.

Maximum enrollment varies

Prerequisites: Medical students only

**Goals:** The goal of this elective is to allow the student to work with a particular faculty member in pursuit of a particular field of study in radiation oncology.**Format:** As arranged between student and instructor.**Evaluation Methods:** As arranged.