

RADIOLOGY

Elective Clerkships

Department website: <http://www.rad.washington.edu/>

RADGY 693 P - Introduction to Diagnostic Radiology (4)

Offered:	AWS, 4 weeks half-time. Not offered Apr, May, June, July Nov, Dec
Prerequisite:	Completion of HuBio series. Third- and fourth-year students
Total Enrollment:	15 students per rotation.
Location:	Seattle, WA
Faculty Contact:	Soenke Harms, MD
Administrative Contact:	Martha Hughes, 206-744-3043, mehughes@u.washington.edu
Clerkship Sites:	UWMC, HMC, VAMC, and Seattle Children's Hospital

Goals:

This course provides third- and fourth-year medical students an overview of the fields of diagnostic radiology and nuclear medicine. There will be lectures in the core subjects of radiation safety, contrast materials and imaging examinations. Additional lectures and small group discussions will cover the subspecialty areas of radiology, focusing on specific clinical problems where radiology plays a key role in diagnosis and treatment.

Objectives:

- Students will develop an understanding of basic radiation safety including the effects of radiation exposure, dosage to patient and physician during imaging examinations and methods to reduce radiation exposure.
- Students will become familiar with the different types of contrast media, their indications, benefits and risks, and the treatment of contrast reactions.
- Students will improve their understanding of the different types of imaging examinations, their benefits and risks, and their use in certain key clinical problems.
- Students will improve their knowledge of radiologic anatomy and their ability to interpret imaging examinations.

Schedule:

Half-day PM at UWMC, HMC, VAMC, and Seattle Children's Hospital.

Requirements:

- Attend all lectures/case discussion sessions listed on the course schedule,
- Read *Fundamentals of Radiology* (6th Edition) by Squire & Novelline,
- Prepare and present a plain film case report using MS PowerPoint,
- Pass the final examination,
- Complete a course evaluation form.

Grading:

- Grading is honors/high pass/pass/fail.
- To pass the course students must meet the course requirements.
- To receive a high pass grade students must meet the course requirements and either
 1. complete an honors project, or
 2. score in the upper third of the class on the final examination
- An honors grade is received if one completes an honors project and scores in the upper third of the class on the final examination.

- An honors project should be an in-depth study of a common clinical presentation where plain film radiographic differential diagnosis is appropriate. The project should be approximately 20.
- PowerPoint slides in length encompassing at least four other diagnoses represented by plain film findings.
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RADGY 694 P- Advanced Clinical Clerkship (8)

Offered:	AWS, 4 weeks half-time. Not offered Apr, May, June, July Nov, Dec
Prerequisite:	Completion of HuBio series. Third- and fourth-year students
Total Enrollment:	5 students per rotation
Faculty Contact:	Soenke Harms, MD
Administrative Contact:	Martha Hughes, 206-744-3043, mehughes@u.washington.edu
Clerkship Sites:	UWMC, HMC, VAMC, and Seattle Children's Hospital

Goals

This course provides third- and fourth-year medical students an overview of the fields of diagnostic radiology and nuclear medicine. There will be lectures in the core subjects of radiation safety, contrast materials and imaging examinations. Additional lectures and small group discussions will cover the subspecialty areas of radiology, focusing on specific clinical problems where radiology plays a key role in diagnosis and treatment. In addition, students will spend time on clinical service in four sub-specialty areas of radiology.

Objectives:

- Students will develop an understanding of basic radiation safety including the effects of radiation exposure, dosage to patient and physician during imaging examinations and methods to reduce radiation exposure.
- Students will become familiar with the different types of contrast media, their indications, benefits and risks, and the treatment of contrast reactions.
- Students will improve their understanding of the different types of imaging examinations, their benefits and risks, and their use in certain key clinical problems.
- Students will improve their knowledge of radiologic anatomy and their ability to interpret imaging examinations.
- Students will gain insight into four sub-specialty areas and the practice of radiology.

Schedule:

Half-day PM in lecture and half-time AM on clinical service at UWMC, HMC, VAMC, and/or Seattle Children's Hospital.

Requirements:

- Attend all lectures/case discussion sessions listed on the course schedule,
- Attend four week-long clinical rotations, Students are expected to be on clinical service if there are blocks of non-lecture time,
- Read *Fundamentals of Radiology* (6th Edition) by Squire & Novelline,
- Prepare and present a plain film case report using MS PowerPoint,
- Pass the written and practical final examination,
- Complete a course evaluation form.

Grading:

- Grading is honors/high pass/pass/fail.
- To pass the course students must meet the course requirements.
- To receive a high pass grade students must meet the course requirements and either
 1. complete an honors project, or
 2. score in the upper third of the class on the final examination.

- An honors grade is received if one completes an honors project (described in course listing for RADGY 693 P) and scores in the upper third of the class on the final examination.

RADGY 695 P – Radiology Sub-specialty Elective (*, max 8)

Offered:	AWSpS; 2/4 weeks full-time.
Prerequisite:	Requires special arrangements and permission from a preceptor and Dr. Soenke Harms. Requires successful completion of RADGY 694
Total Enrollment:	1 student per rotation
Faculty Contact:	Soenke Harms, MD
Administrative Contact:	Martha Hughes, 206-744-3043, mehughes@u.washington.edu
Clerkship Sites:	UWMC and affiliated hospitals.

Clinical rotations in subspecialty areas of radiology at University of Washington and affiliated hospitals.

RADGY 696 P – Nuclear Medicine Clerkship (*, max 12)

Offered:	AWSpS; 2/4/6 weeks.
Prerequisite:	Permission of instructor. Completion of HuBio series.
Total Enrollment:	2 students per rotation
Faculty Contact:	Janet Eary, MD
Administrative Contact:	Anthony Choi, 206-616-5781, achoi21@u.washington.edu
Clerkship Sites:	UWMC

Daily participation at University of Washington Medical Center Nuclear Medicine Clinic emphasizing technical performance, diagnostic interpretation, and clinical relevance of nuclear imaging. Daily clinical teaching conferences of the division. Four-and six-week clerkships can be preplanned in areas such as pulmonary, cardiovascular, renal, bone, computer analysis.

RADGY 697 P – Radiology Special Elective (*, max 24)

Offered:	AWSpS; 2/4/6/8
Prerequisite:	Completion of HUBIO series. Successful completion of RADGY 694. + 2 month application process
Total Enrollment:	8 students per rotation
Faculty Contact:	Soenke Harms, MD
Administrative Contact:	Martha Hughes, 206-744-3043, mehughes@u.washington.edu

Medical imaging in a non-affiliated institution. Arrangements for this clerkship are the responsibility of the student. Permission and arrangements must be made at time of registration through direct communication between the student and the education coordinator in Radiology. A written statement of objectives from the preceptor at the intended site is required. Students should obtain a "Credit for Away Clerkships" form from the Dean's Office at least two months before advanced registration.

Evaluations:

Departmental evaluations are required to be completed by faculty and student prior to receiving a grade

RADGY 699 P – WWAMI Radiology Special Electives (*, max 24)

Offered:	AWSpS
Prerequisite:	Successful completion of RADGY 694. Permission of the department.+ 2 month application process
Total Enrollment:	Variable
Faculty Contact:	Soenke Harms, MD
Administrative Contact:	Martha Hughes, 206-731-3043, mehughes@u.washington.edu

By specific arrangement for qualified students, special clerkships or 'away clerkships' may be available at institutions other than the University of Washington located within the WWAMI region. Interested students should obtain a "Credit for Away Clerkship in WWAMI" form available from the UWSOM Dean's Office Registrar and complete for departmental approval at least two months before advance registration.

Evaluations:

Departmental evaluations are required to be completed by faculty and student prior to receiving a grade.

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