

Experiential Learning

MD Electives Catalog

2022-2023

Welcome to the M4 Experiential Learning Electives Catalog

At EVMS our mission is to achieve “excellence in medical and health professions education, research and patient care. We value creating and fostering a diverse and cohesive faculty, professional staff and student body as the surest way to achieve our mission. Adhering to the highest ethical standards, we will strive to improve the health of our community and to be recognized as a national center of intellectual and clinical strength in medicine.” Medical Education oversees the undergraduate medical school curriculum, ensures regular assessment and evaluation of student progress and monitors curriculum compliance with the nationally recognized accrediting authority for medical education programs, the Liaison Committee on Medical Education.

We are committed to providing you with the best educational opportunities to become the skilled healthcare providers of tomorrow.

In contrast to the first three years of the medical school curriculum, during which students follow an assigned schedule, the M4 year provides considerable flexibility. Although the M4 curriculum contains some required elements, students have considerable latitude to design their educational programs to fit their individual needs and interests. The M4 year is intended to provide each student with a well-rounded educational experience, building on the knowledge and experiences of the first three years and preparing the student for postgraduate training.

The purpose of the Electives Catalog is to serve as a resource to assist students in scheduling and understanding the administrative aspects of the M4 year. Descriptions of electives appearing in this catalog were prepared by the faculty of the department offering the elective and by Medical Education.

At present, all the information is accurate to the best of our knowledge. However, policies, procedures, and faculty listings may change from time to time. Any questions regarding descriptive material of a particular elective should be directed to the appropriate departmental elective course director.

Please contact M4@evms.edu with any questions or scheduling concerns.

4th-Year Policies & Procedures

Unified Competency Objectives of the MD Program

The civic and medical leaders who founded Eastern Virginia Medical School envisioned an institution that would champion improving the health of the region. Decades later the school celebrates its record of training physicians who are committed to knowledge and skill and doubly committed to the service of others.

Distinctive characteristics of the institution have evolved over its lifetime:

- Education is central to its mission, not peripheral to the research and clinical enterprises.
- Principles of humanism in medicine and the biopsychosocial model of disease and health are emphasized, promoting the values of altruism and duty.
- An ethic of community service moves students beyond formalized educational settings.
- The learning atmosphere emphasizes cooperation among students, faculty, other health care professionals, local and international care providers and policy makers.
- Lifelong learning and the practice of evidence based medicine are accepted as professional responsibilities.
- The environment promotes collaboration, creativity, leadership and service.

Within the context of this institutional philosophy and culture, the faculty have articulated the following Unified Competency Objectives as the goals and objectives of the curriculum:

https://www.evms.edu/education/medical_programs/doctor_of_medicine/unified_competency_objectives/

Student Promotion

In order to graduate from Eastern Virginia Medical School with a M.D. degree, students must satisfactorily complete all elements of the prescribed four-year curriculum.

Requirements for Promotion to M4:

Please refer to the Standards for Advancement and Graduation Policy in the MD Student Handbook.

THE M4 YEAR

The M4 year is designed to promote a well-rounded educational experience (NOT a preliminary internship). A student's M4 schedule is comprised of the following:

- 30 weeks of full-time, scheduled, supervised, and evaluated educational experiences are required for graduation. These 30 weeks consist of:
 - 24 weeks of electives (Minimum of 14 weeks MUST be clinical rotations):
 - Acting Internship (4 weeks)
 - Ambulatory Care (4 weeks)
 - Critical Care (4 weeks; 2 weeks must be completed in a clinical setting)
 - The above requirements can overlap to meet graduation requirement
 - *Example: ERM400 meets the requirements of AI, AMB and CC. By taking that one 4-week course, all three requirements are met. The remaining 20 weeks of electives would not need to meet specific category requirements.*
 - Maximum of 8 weeks of longitudinal electives
 - Minimum of 4 weeks in clinical or non-clinical elective outside of specialty
 - Minimum of 4 weeks in a live patient-care clinical elective in spring semester
 - 6 weeks of required courses:
 - Community-Engaged Learning Capstone (2 weeks longitudinal)
 - Transition in Practice Series (TIPS): Residency (4 weeks in Block 10). Students can only enroll in this course if matched to a PGY-1 residency program. Unmatched students are not required to participate in TIPS Residency and can meet the requirement by successful completion of an additional Acting Internship elective.
 - 12 weeks of unscheduled time for professional development and personal use is built into the M4 year to be used for:
 - Residency Preparation
 - Interviews
 - Vacations/Travel/Personal Time

Students are allowed to work with faculty to design clinical experiences other than those in this catalog. The process for creating an individualized experience or away rotation is described in detail below in the non-catalog course process. Please plan ahead as there are multiple onboarding requirements and deadlines that must be met.

Required Rotations

ACTING INTERNSHIP (AI)

Must be completed at EVMS or an affiliated site.

Affiliated sites include:

- Bon Secours, Hampton Roads
- Chesapeake Regional Medical Center
- Children's Hospital of The Kings Daughters
- Naval Medical Center Portsmouth
- Riverside Regional Medical Center, Newport News
- Sentara, Hampton Roads
- Veteran's Affairs Medical Center, Hampton

The Acting Internship (AI) elective is designed to encourage senior medical students, regardless of desired future specialty, to assume patient care responsibilities similar to those of an intern (PGY-1 resident), including following the call schedule of an intern in that specialty. Acting interns should carry patients independently of interns and have similar duties, schedules, and didactic sessions as interns. They should take ownership of their patients and be the primary point person regarding their care. They should be increasingly (but safely) independent in their clinical practice but able to recognize when help is needed.

By the end of the acting internship, students should be proficient and efficient in handling the daily tasks of an intern, demonstrating expected behaviors for an entrustable learner including:

- Performing complete and accurate history and physical exams in an organized fashion (UCO 1.1)
- Prioritizing a differential diagnosis following a clinical encounter (UCO 1.2)
- Recommending and interpreting common diagnostic and screening tests (UCO 1.2)
- Entering and discussing orders and prescriptions (UCO 1.2)
- Documenting a clinical encounter accurately in the patient record (UCO 4.2)
- Presenting an oral presentation of a clinical encounter (UCO 4.2)
- Forming clinical questions and retrieving evidence to advance patient care (UCO 3.2)
- Giving or receiving a patient handover to transition care responsibly (UCO 4.2)
- Collaborating as a member of an interprofessional team (UCO 5.2)

Required Rotations

AMBULATORY MEDICINE (AMB)

May be completed at any LCME-accredited school or under the supervision of a physician with an active faculty appointment at an LCME-accredited school.

The Ambulatory Medicine (AMB) elective is intended to allow senior medical students to participate in the evaluation and management of patients who present with a wide variety of disorders in an outpatient setting. A minimum of 5 half days per week (or 50% of the rotation averaged over the course of the elective) must be in an Ambulatory setting providing direct patient care (not in a shadowing role). By the end of the ambulatory medicine elective, students should be proficient and efficient in the management of an outpatient in a clinic setting, demonstrating expected behaviors for an entrustable learner including:

- Performing complete and accurate history and physical exams in an organized fashion (UCO 1.1)
- Prioritizing a differential diagnosis following a clinical encounter (UCO 1.2)
- Recommending and interpreting common diagnostic and screening tests (UCO 1.2)
- Entering and discussing orders and prescriptions (UCO 1.2)
- Documenting a clinical encounter accurately in the patient record (UCO 4.2)
- Presenting an oral presentation of a clinical encounter (UCO 4.2)
- Forming clinical questions and retrieving evidence to advance patient care (UCO 3.2)
- Collaborating as a member of an interprofessional team (UCO 5.2)

CRITICAL CARE (CC)

May be completed at any LCME-accredited school or under the supervision of a physician with an active faculty appointment at an LCME-accredited school.

The Critical Care (CC) elective is intended to expose senior medical students to the evaluation and management of seriously ill patients, often in intensive-care settings, with the goal of learning how to appropriately evaluate the emergent patient. Students should be increasingly (but safely) independent in their clinical practice and able to recognize when help is needed. Students should work all shifts with their teams, including call. Students may complete virtual critical care modules to meet the objectives of this requirement.

By the end of the critical care elective, students should be able to develop a thorough, systematic approach to the rapid recognition, evaluation, treatment, and disposition of the critically ill or injured patient, demonstrating expected behaviors for an entrustable learner including:

- Recognizing a patient requiring urgent or emergent management (UCO 1.2)
- Prioritizing a differential diagnosis for a critically ill or injured patient (UCO 1.2)
- Recommending and interpreting common diagnostic and screening tests (UCO 1.2)
- Entering and discussing orders and prescriptions (UCO 1.2)
- Presenting an oral presentation of a clinical encounter (UCO 4.2)
- Forming clinical questions and retrieving evidence to advance patient care (UCO 3.2)
- Collaborating as a member of an interprofessional team (UCO 5.2)
- Obtaining informed consent for a test or a procedure (UCO 1.3)
- Performing general procedures of a physician (UCO 1.3)

Elective Rotations

Many of the electives in the catalog meet the requirements of multiple categories. For example, SUR404 (Shock/ Trauma) meets the requirements of the Acting Internship (AI) requirement, the Critical Care requirement, and an elective rotation. One course can meet several graduation requirements on your schedule.

- An M4 rotation MAY NOT be used to remediate a failed M3 clerkship.
- Students may not schedule electives in which they will be directly supervised or graded by preceptors with whom they have any clinical, personal, or familial relationship, including providing health services. See the Non-Involvement of Student Healthcare Providers in Education Policy in the [MD Student Handbook](#).
- Students should plan “full-time” electives based on four-week blocks whenever possible. Some electives have two-week options which can be scheduled anytime during a four-week block in coordination with the course coordinator. Electives may not be planned for less than two weeks in duration. (NOTE: Two-week rotations should include **AT LEAST 10 scheduled work days**.)
- Other electives that meet the definition of the listed course categories may be submitted for approval to fulfill a requirement using the M4 Non-Catalog Course Request.

Away Electives

Your critical care, ambulatory and elective courses may be completed at sites other than EVMS-affiliated institutions; however, your Acting Internship must be completed at an EVMS-affiliated institution listed previously.

In planning for away rotations, you should be aware of the following rules:

- Students may do a maximum of 16 weeks of away electives (xxx999 courses)
- Away rotations must be done at an LCME accredited U.S. Medical School or under the supervision of a physician holding a faculty appointment at an LCME accredited U.S. Medical School.
- If your desired rotation is described in the catalog of the host school, that description can be used to complete the EVMS Non-Catalog Course Request form. If the elective is not described in the host school’s catalog, students should follow the instructions for developing elective rotations below.
- The majority of U.S. medical schools now require that applications from visiting students be submitted through the Visiting Student Learning Opportunities service (VSLO) managed by the Association of American Medical Schools (AAMC). Information is available from the VSLO Coordinator (Jill Haught) or directly from the AAMC. Some medical schools use their own individual applications. Information for each school can be obtained from the school’s website.
- Most schools accept applications from visiting students in early spring, but may not confirm your acceptance until late spring or early summer. Most schools, including EVMS, make every effort to accommodate their own students before accepting visiting students. Once you accept an away elective, please submit the EVMS Non Catalog Course Request for review and approval.

Creating Your Own Rotation or Away Elective

NON-CATALOG COURSES

Non-Catalog Course Requests should be submitted through the M4 Elective Catalog by selecting a 998/999 course for the relevant department*

- Identify the site.
 - All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement.
 - VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed.
- Consult with your advisor, the appropriate Department Chairman, Assistant Vice Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives.
- Complete a Non-Catalog Course Request Form by selecting a 998/999 course code in the M4 catalog.
 - You will need to upload a document describing the skills, knowledge or values/attitudes the student wishes to achieve along with documentation of your acceptance. Use the following links to help you write objectives:
http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf
and <https://learning-objectives.easygenerator.com/>
- Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution.
- Once submitted the proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process.
- This process should be completed **more than 30 days prior to the start of the elective** when possible.
- **An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.**

The Non-Catalog Course Request is reviewed for the:

- faculty status of the preceptor
- status of the affiliation agreement with the site
- appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required)
- scheduling approval from the course coordinator/course director
- course objectives/goals/description
- dates compared to the student's personal schedule and the EVMS block schedule

Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process.

International Electives

International electives offer tremendous insight into healthcare around the world and allow students to cultivate cultural competencies and interdisciplinary skills that will contribute to being an effective, compassionate and patient-centered provider and advocate for underrepresented communities in the United States and worldwide.

To register for an international elective through EVMS, students need to follow these steps:

1. Meet with Ms. Maryanne C. Gathambo, MPH, to discuss interests, available programs, goals, and objectives.
2. Complete the required paperwork packet, including the following EVMS Risk Management forms:
 - a. EVMS International Travel Application
 - b. International Travel Assumption of Risk
 - c. Release of Liability.
3. After the EVMS Risk Management forms have been fully approved, Community-Engaged Learning will email an approval to the student. The student can then register for the course.
4. When registering for an international 999 or 998 course, attach the approval email to the objectives form.

Please note: students will not be able to receive credit for international electives when the following have not been completed/are not in place:

- Affiliation Agreement(s) between EVMS and international site(s) or NGO are fully executed
- The course has a Course Director who holds a faculty appointment at an LCME-accredited institution
- Travel is approved by both EVMS Risk Management and Global Health
- The course has been approved as part of the student's schedule by the Assistant Vice Dean for Clinical Education

Schedule Submission and Approval

SUBMISSION AND APPROVAL

In reviewing a student's proposed program, the Assistant Vice Dean of Clinical Education, Vice Dean for Academic Affairs, and the Medical Education Committee will use the following guidelines:

- The program shall be well conceived and consistent with respect to fulfillment of the educational needs of the student.
- The program shall be commensurate with the capabilities of the student.
- The educational opportunities selected shall be of a quality sufficient to justify the expenditure of time requested.
- The required rotations listed must be included in each student's planned program.

SCHEDULE CHANGES

- Drop requests must be submitted no less than 14 days in advance of the scheduled rotation start date unless there are extenuating circumstances approved by the Assistant Vice Dean for Clinical Education. Last-minute drops are unprofessional as the preceptors may have made adjustments to their schedule to have you rotate with them. Last-minute drops have also prevented another student from completing that elective.
- Courses dropped after the course has begun will receive an "I" for incomplete. The course will either need to be completed at a later date, or the student will receive a "W" for withdrawn.
- Add requests (other than Sentara, which can accommodate a faster turn-around time) must be submitted at least 45 days in advance of the course start date. This allows time for the multi-step review and approval process as well as the student onboarding processes at our affiliated sites (which require their process to be COMPLETED 30 days in advance of your placement).
 - Exceptions are made for short-notice VSLO acceptances with minimal compliance requirements.
- Do not begin an elective that has not been added to your official schedule. Credit for rotations will not be given to students who fail to follow the proper procedures for changing an elective.
- Requested changes are reviewed and approved or disapproved based on the:
 - balance of the student's schedule and requirements
 - faculty status of the preceptor
 - status of the affiliation agreement with the site
 - appropriateness of the course category to the course request
 - approval from the course coordinator/course director

If the request is approved, the student may then proceed to change the rotation. The student must forward confirmation that the elective supervisors for both the elective being dropped and the rotation being added have been notified. No changes to schedules will be allowed after December 16, 2022.

Grading

Please refer to the M4 Elective Phase Assessment and Grading Policy in the [MD Student Handbook](#).

Clinical Education Site Compliance

All fourth year EVMS students will be required to complete pre-rotation compliance requirements for EVMS and Sentara facilities before **May 1, 2022**. Students will be communicated with via Blackboard to facilitate completion.

For electives taking place at facilities other than Sentara, students are required to complete all site-specific requirements a **minimum of 30 days prior to the start of the elective**. An email announcement will be sent out through Blackboard when the compliance requirements are available for completion.

Any student who has not completed the required compliance activities will be prohibited from starting their elective year and will be required to formally address the dereliction. This delay may impact your ability to complete the scheduled electives and may impact your ability to graduate on time.

Visiting Students

EVMS welcomes eligible fourth-year visiting students in our electives as space permits. All visiting students must apply through the Visiting Student Learning Opportunities (VSL0). At this time, we do not accept applications from international medical students.

EVMS students hold first priority for all electives.

Learn more about visiting student opportunities at EVMS:

https://www.evms.edu/education/medical_programs/doctor_of_medicine/visiting_students/

Elective Periods and Deadlines

TERM 1	
Block 1: July 5 - July 29, 2022	June 20, 2022
Block 2: August 1 - August 26, 2022	July 18, 2022
Block 3: August 29 - September 23, 2022	August 15, 2022
Block 4: September 26 - October 21, 2022	September 12, 2022
Block 5: October 24 - November 18, 2022	October 10, 2022
Block 6: November 21 - December 16, 2022	November 7, 2022
WINTER BREAK: December 17, 2022 - January 2, 2023	
TERM 2	
Block 7: January 3 - January 27, 2023	December 16, 2022 No changes allowed after December 16, 2022
Block 8: January 30 - February 24, 2023	No changes allowed after December 16, 2022
Block 9: February 27 - March 24, 2023	No changes allowed after December 16, 2022
Block 4: September 26 - October 21, 2022	EVMS students complete TIPs during this block
Block 11: April 24 - May 19, 2023	ADMINISTRATIVE BLOCK FOR REMEDIATION ONLY OR AS APPROVED IN ADVANCE BY THE ASSISTANT VICE DEAN
GRADUATION: May 20, 2023	

SCHEDULE CHANGES: No schedule changes are allowed after December 16, 2022 with the exception of extenuating circumstances approved in writing by the Assistant Vice Dean.

TIME OFF: Please consult the leave policy in the MD Student Handbook when scheduling personal time off, interviews, and courses that overlap (example: a clinical course and a longitudinal course).

M4 Administration Contacts

We look forward to working with each of you over the next year! Please don't ever hesitate to reach out if you have questions. The below directory is designed to assist you with whom to contact regarding your questions. You can also email m4@evms.edu with any inquiry.

Aileen Shafer.....shaferam@evms.edu | 757.446.5050

- Add/Drop Requests
- General Scheduling Questions
- Graduation Requirements/Audits
- Non-Catalog Course Approvals
- Affiliation Agreements
- Category Reviews
- Faculty Appointment Verifications

Jill Haught.....haughtjm@evms.edu | 757.446.5866

- VSLO/Away Application Assistance
- Background Checks
- HIPAA Verification Letters
- Letters of Good Standing
- OSHA Verification Letters
- Malpractice Certificate of Coverage
- Visiting Student Processing

Stephanie Outlaw.....m4@evms.edu | 757.446.8906

- Evaluations
- General Scheduling Assistance

Carley MacKenzie/Nia Cook.....StudentOnboarding@evms.edu | 757.446.6166

- Student Onboarding for Catalog Courses

Rebecca Hastings.....hastinrs@evms.edu | 757.446.7111

- Career Advising

Registrar's Office.....transcripts@evms.edu | 757.446.5806

- Transcripts

Student Health Clinic.....studenthealth@evms.edu | 757.446.5700

- TB Tests
- Drug Screens
- Flu shots
- Immunization Records

Occupational Health.....occhealth@evms.edu | 757.446.5870

- Blood/Bodily Fluids Exposures
- Medical Clearance for Fit Testing

Environmental Health & Safety.....respiratorhelp@evms.edu | 757.446.7928

- Respirator Mask Fit Testing

Anatomy & Physiology

ANT408W2: Advanced Clinical Anatomy & Education

Course Director(s):	Laurie Wellman, PhD
Course Location:	Lewis Hall, 2073 Human Anatomical Lab
Course Description:	The Advanced Clinical Anatomy & Education elective is designed to allow students the opportunity to revisit a region of anatomy that will be relevant to their future career plans while expanding their teaching knowledge and skills. Acceptance for the elective and project plans will be based on the SOM and SHP courses in session at that time and number of donors available.
Learning Objectives:	<ol style="list-style-type: none">1. With faculty guidance, web resources and independent study, students will revisit an area of career interest in anatomy.2. With faculty guidance, students will be required to prepare an educationally valuable dissection of their region of interest. They will also present their dissection, emphasizing clinicopathologic correlation, to departmental faculty.
Additional Preceptors:	Alberto Musto, MD, PhD; Carrie Elzie, PhD; Jessica Bergden, PhD; Natascha Heise, PhD; Paul Aravich, PhD; Richard Gonzalez, PhD

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	Completion of pre-clerkship curriculum.
Visiting Students:	No
Night Call:	No
Reporting Instructions:	On the first day of the block rotation you must report to Dr. Wellman or the Lab Director to orient you to the anatomy lab and current resources and operations. Rotation expectations and remaining questions will be addressed. We are aware that some may have heavy interviewing schedules during the rotation and we will do our best to accommodate your needs. Please be prepared to provide a schedule of interviewing dates and know that time lost can and must be made up.
Evaluation:	Prosection and student presentation will be graded by faculty as pass/fail.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 10-15
Asynchronous: 25-30

Scheduling Contact

Course Coordinator: Laurie Wellman, PhD

Coordinator Email: wellmall@evms.edu

Coordinator Phone: 757-446-7366

Hospital Site Compliance

Non-hospital experience

ANT408W4: Advanced Clinical Anatomy & Education

Course Director(s):	Laurie Wellman, PhD
Course Location:	Lewis Hall, 2073 Human Anatomical Lab
Course Description:	The Advanced Clinical Anatomy & Education elective is designed to allow students the opportunity to revisit a region of anatomy that will be relevant to their future career plans while expanding their teaching knowledge and skills. Acceptance for the elective and project plans will be based on the SOM and SHP courses in session at that time and number of donors available.
Learning Objectives:	1. With faculty guidance, web resources and independent study, students will revisit an area of career interest in anatomy. 2. With faculty guidance, students will be required to prepare an educationally valuable dissection of their region of interest. They will also present their dissection, emphasizing clinicopathologic correlation, to departmental faculty.
Additional Preceptors:	Alberto Musto, MD, PhD; Carrie Elzie, PhD; Jessica Bergden, PhD; Natascha Heise, PhD; Paul Aravich, PhD; Richard Gonzalez, PhD

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	Completion of pre-clerkship curriculum.
Visiting Students:	No
Night Call:	No
Reporting Instructions:	On the first day of the block rotation you must report to Dr. Wellman or the Lab Director to orient you to the anatomy lab and current resources and operations. Rotation expectations and remaining questions will be addressed. We are aware that some may have heavy interviewing schedules during the rotation and we will do our best to accommodate your needs. Please be prepared to provide a schedule of interviewing dates and know that time lost can and must be made up.
Evaluation:	Prosection and student presentation will be graded by faculty as pass/fail.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0

Didactics: 10-15

Asynchronous: 25-30

Scheduling Contact

Course Coordinator: Laurie Wellman, PhD

Coordinator Email: wellmall@evms.edu

Coordinator Phone: 757-446-7366

Hospital Site Compliance

Non-hospital experience

PHY400W4: Regulation of Maternal Well-Being, Fetal Development and Fetal Origins of Adult Disease

Course Director(s): Gerald Pepe, PhD

Course Location: Lewis Hall, EVMS

Course Description: This laboratory studies the role of estrogen on fetal placental development and impact of alterations in the maternal/fetal hormonal milieu as well as endocrine disruptors that mimic estrogen action (e.g. bisphenol) on placental and fetal development, maternal well-being, fetal programming, pregnancy outcome and risk for development of disease in adulthood. Studies show that estrogen regulates placental cellular invasion of the maternal uterine spiral arteries in early pregnancy a process that is essential for appropriate utero-placental blood flow and which when defective leads to development of maternal hypertension and preeclampsia as well as compromise fetal growth leading to IUGR. Studies also show that estrogen in the second half of gestation regulates placental catabolism of maternal stress hormones (e.g. cortisol) and programs fetal organ/metabolic systems important for insulin action and thus prevention of insulin resistance (e.g. diabetes) in adulthood. The student will be expected to choose one or more of these or other clinical complications of human pregnancy (e.g. preeclampsia, IUGR; gestational diabetes, prematurity; placenta accreta), summarize the etiology, clinical manifestations etc. and via library search and interaction/discussion with Dr. Pepe to summarize and integrate the relevant basic science research being performed to elucidate cause, improve treatment and enhance fetal-maternal well-being and pregnancy outcome.

Learning Objectives: To make the student aware of the: 1. Importance, uses and appropriate applications, i.e. translation of basic science studies to clinical sciences/medicine. 2. The impact of the intrauterine hormonal milieu and programming (epigenetics) on fetal development and origins of adult disease To enhance the independent learning skills of the student by: 1. Perusal of the scientific literature and the translational research pertinent to the project identified 2. Preparation of a paper outlining the goals, methods, and significance of the research project identified and integration of the basic science that underpins normal fetal-placental development

Additional Preceptors: None

Course Details

Course Category: Elective

Course Type: Clinical

Course Length/Credit: 4 weeks

Blocks Offered: All Blocks

Number of Students: 6-8 per block

Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Student will be contacted several weeks before the start date to meet with Dr. Pepe
Evaluation:	Based on completion of objectives and assessment of the quality and strength of the paper. The latter will include [1] assessment of the ability of the student to prepare a focused and well-written manuscript, integrate the clinical and basic science information, and extract relevant information from published manuscripts as well as [2] the strength of the required 1 page summary in the paper that outlines the student's perception of what new information was gleaned from conduct of the elective and strengths and weakness of the clinical-basic information cited.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
 Trauma/ICU: 0%
 Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: N/A
 Didactics: N/A
 Asynchronous: N/A

Scheduling Contact

Course Coordinator:	Gerald Pepe, PhD
Coordinator Email:	pepegj@evms.edu
Coordinator Phone:	757-446-5616

Hospital Site Compliance

Non-hospital experience

Anesthesiology

ANS403W2: Pediatric Clinical Anesthesia

Course Director(s):	Graham Fehr, DO
Course Location:	Children's Hospital of the King's Daughters
Course Description:	The clinical anesthesia elective offered at Children's Hospital of The King's Daughters/Eastern Virginia Medical School will provide the medical student with practical and theoretical aspects of anesthetic techniques as they apply to the subspecialty of pediatric anesthesia with special emphasis on the differences between the adult and the pediatric patient in areas of airway management, fluid management, pharmacology, preoperative and postoperative evaluation and care. There will be hands-on experience with managing the pediatric airway including mask ventilation, insertion of airways, laryngoscopy and intubation; there will also be hands-on experience in the techniques of intravenous access. Participation in resident's didactic session will be optional.
Learning Objectives:	<ol style="list-style-type: none">1. Evaluate the pediatric patient from an anesthetic perspective.2. Recognize the indications for proceeding or delaying surgery in the child.3. Set up basic equipment for the administration of anesthesia.4. Understand the differences between the adult and the pediatric patient from the anesthetic perspective.5. Gain an understanding of airway management including mask ventilation and orotracheal intubation.6. Become familiar with the pharmacologic and physiologic effects of anesthesia on multiple organ systems in the anesthetized patient.7. Have an awareness of the recovery of the pediatric patient from anesthesia.8. Become familiar with the pediatric patient as a day surgery patient; follow the patient from admission in the Day Surgery Unit to discharge from PACU.
Additional Preceptors:	Amelia Randall, MD; Amy Wilborn, MD; Andrea Martineau, MD; Anzea Dukes, MD; Christopher Karsanac, MD; Jeffrey Schubert, DO; Jessica Kell, MD; Justin John, MD; Lauren Senior, MD; Liana Hosu, MD; Lida Nadimi, MD; Mark Polak, DO; Matthias Koenig, MD; Mike Shackelford, DO; Miriam Schoepf, MD; Nathan Brakke, MD; Peter Ma, MD; Steve DeFreitas, MD; Steven Zadora, MD; Valbona Kanarek, MD

Course Details

Course Category:	Ambulatory, Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block

Restrictions/Pre-Requisites:	Adult anesthesiology or other anesthesiology elective is a prerequisite for this course. Before registering please email Diana Dominique with your motivations for taking this course and details of your past anesthesia experience. Student must have current respiratory mask fit results (within 12 months of rotation). Four week rotations only available for students pursuing anesthesia.
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Report to the OR Charge Desk, 3rd floor CHKD, at 6:45 am. Be ready in scrubs. Ask for the anesthesiologist board runner and introduce yourself. On the first day, go to the Anesthesiology Office to sign-in and obtain the course material.
Evaluation:	100% Clinical Observation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 10%	Direct Patient Care: 35
Trauma/ICU: 0%	Didactics: 1
Outpatient: 90%	Asynchronous: 2

Scheduling Contact

Course Coordinator:	Diana Dominique
Coordinator Email:	diana.dominique@chkd.org
Coordinator Phone:	757-668-7320

Hospital Site Compliance

Children's Hospital of the King's Daughters

ANS403W4: Pediatric Clinical Anesthesia

Course Director(s):	Graham Fehr, DO
Course Location:	Children's Hospital of the King's Daughters
Course Description:	The clinical anesthesia elective offered at Children's Hospital of The King's Daughters/Eastern Virginia Medical School will provide the medical student with practical and theoretical aspects of anesthetic techniques as they apply to the subspecialty of pediatric anesthesia with special emphasis on the differences between the adult and the pediatric patient in areas of airway management, fluid management, pharmacology, preoperative and postoperative evaluation and care. There will be hands-on experience with managing the pediatric airway including mask ventilation, insertion of airways, laryngoscopy and intubation; there will also be hands-on experience in the techniques of intravenous access. Participation in resident's didactic session will be optional.
Learning Objectives:	1. Evaluate the pediatric patient from an anesthetic perspective. 2. Recognize the indications for proceeding or delaying surgery in the child. 3. Set up basic equipment for the administration of anesthesia. 4. Understand the differences between the adult and the pediatric patient from the anesthetic perspective. 5. Gain an understanding of airway management including mask ventilation and orotracheal intubation. 6. Become familiar with the pharmacologic and physiologic effects of anesthesia on multiple organ systems in the anesthetized patient. 7. Have an awareness of the recovery of the pediatric patient from anesthesia. 8. Become familiar with the pediatric patient as a day surgery patient; follow the patient from admission in the Day Surgery Unit to discharge from PACU.
Additional Preceptors:	Amelia Randall, MD; Amy Wilborn, MD; Andrea Martineau, MD; Anzea Dukes, MD; Christopher Karsanac, MD; Jeffrey Schubert, DO; Jessica Kell, MD; Justin John, MD; Lauren Senior, MD; Liana Hosu, MD; Lida Nadimi, MD; Mark Polak, DO; Matthias Koenig, MD; Mike Shackelford, DO; Miriam Schoepf, MD; Nathan Brakke, MD; Peter Ma, MD; Steve DeFreitas, MD; Steven Zadora, MD; Valbona Kanarek, MD

Course Details

Course Category:	Ambulatory, Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Adult anesthesiology or other anesthesiology elective is a prerequisite for this course. Before registering please email Diana Dominique with your motivations for taking this course and details of

your past anesthesia experience. Student must have current respiratory mask fit results (within 12 months of rotation). Four week rotations only available for students pursuing anesthesia.

Visiting Students:	No
Night Call:	No
Reporting Instructions:	Report to the OR Charge Desk, 3rd floor CHKD, at 6:45 am. Be ready in scrubs. Ask for the anesthesiologist board runner and introduce yourself. On the first day, go to the Anesthesiology Office to sign-in and obtain the course material.
Evaluation:	100% Clinical Observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 10%
Trauma/ICU: 0%
Outpatient: 90%

Activity Hours Per Week

Direct Patient Care: 35
Didactics: 1
Asynchronous: 2

Scheduling Contact

Course Coordinator:	Diana Dominique
Coordinator Email:	diana.dominique@chkd.org
Coordinator Phone:	757-668-7320

Hospital Site Compliance

Children's Hospital of the King's Daughters

ANS410W2: Clinical Anesthesia

Course Director(s):	Robert L. Smits, Jr., MD
Course Location:	Chesapeake Regional Medical Center Surgery Center of Chesapeake
Course Description:	Practical and theoretical aspects of anesthetic techniques with special emphasis on selection of the anesthetic technique of choice and contraindications to different anesthetic techniques. Selected references recommended to be read before elective.
Learning Objectives:	1. Evaluate uncomplicated patients for elective, straight forward surgery. 2. Recognize indications for general or regional anesthesia. 3. Understand standard and invasive monitors, including mechanism of action, indications, and troubleshooting. 4. Place I.V. cannulas easily and be aware of operative fluid management. 5. Master airway skills including: mask, ventilation, LMA placement, endotracheal intubation. 6. Understand changes in physiology during general and regional anesthesia 7. Review pharmacology of anesthetic drugs. 8. Be aware of the process of recovery from anesthesia. 9. Understand methods of post-op pain control.
Additional Preceptors:	None

Course Details

Course Category:	Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	2 students per block (1 per two week rotation)
Restrictions/Pre-Requisites:	Restricted to students pursuing anesthesia.
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Dr. Smits two days prior to the start date for reporting instructions.
Evaluation:	80% Clinical Observation 20% Review of Readings

Student Efforts

% of Time in Various Settings

Inpatient Care: 95%
Trauma/ICU: 5%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 36
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Outlaw
Coordinator Email: OutlawSD@EVMS.EDU
Coordinator Phone: 757-446-8906

Hospital Site Compliance

Chesapeake Regional Medical Center

ANS415W4: Anesthesiology Acting Internship (NMCP)

Course Director(s): Robert F. O'Donnell, MD

Course Location: Naval Medical Center Portsmouth

Course Description: During your Acting Internship in Anesthesiology, you will be working one-on-one with a senior anesthesiology resident in operating rooms and procedural sites throughout the hospital. You will be directly assisting in providing general anesthesia and monitored anesthesia care to a wide variety of patients. You will be expected to be an active participant in care and will be given the opportunity to practice life-saving skills including mask ventilation, oral/nasal airway placement, intravenous catheter placement, laryngeal mask airway placement, and endotracheal intubation. You may also have the opportunity to perform or assist with advanced skills such as arterial line, central line, or epidural catheter placement. The skills you gain during this clerkship are broadly applicable to a wide variety of medical fields, but are particularly suited to those medical students who intend to pursue a residency in anesthesiology.

Learning Objectives: By the end of week 1, medical students will: Evaluate a patient's airway before surgery; Know the components of a basic room set-up, including IVs, airway, medications, and anesthesiology machine check; Basic mask ventilation skills; Attempt direct laryngoscopy and LMA placement; Attempt peripheral IV placement; Classify a patient based on ASA status. By the end of week 2, medical students will: Improve direct laryngoscopy, LMA placement, and mask ventilation skills; Begin to understand the pharmacology of different medications used for induction, maintenance, and emergence; Perform a focused pre-anesthesia physical and exam on a patient before surgery; Attempt arterial line placement; Interpret intra-operative monitors. By the end of week 3, medical students will: Name key indicators for extubation, both clinical and subjective criteria; Explain the concept of MAC, particularly how it varies in different patients; Identify co-morbidities that may affect anesthetic management; Go through the steps of the ASA difficult airway algorithm; Attempt more advanced airway techniques, such as video laryngoscopy. By the end of week 4, medical students will: Show proficiency in bag mask ventilation; Give a detailed sign out to a resident/CRNA of a patient; Set up a room for the start of a case (including drugs, airway, suctioning, etc); Start to develop an anesthetic plan based on a patient's comorbidities; Give suggestions for interventions during intraoperative management.

Additional Preceptors: Anna Hosig, DO; Anthony Bradley, MD; Craig Bonnema, MD; Daniel Zink, MD; Elizabeth Slama, MD; Eric Stedjelarsen, MD; Gregory Booth, MD; Jason Longwell, MD; Jeffrey Moore, DO; Jennifer Adams, MD; Marcus Herod, MD; Maria Grauerholz, MD; Mark Hubbard, MD; Matthew Haldeman, MD; Maureen Higgs, MD; Maureen McClenahan, MD; Michael Lee, MD; Phillip Geiger, MD; Robert Bettis, MD; Robert Long, MD; Sherrie Moore, DO; Steven Bronaugh, MD; Tameka Pyles, MD

Course Details

Course Category: Acting Internship, Critical Care, Elective

Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	Blocks 2-4: 1 per block; Blocks 5-9: 2 per block
Restrictions/Pre-Requisites:	Priority given to HPSP students July-October. To request this elective visit: https://portsmouth.tricare.mil/Research-Education/Graduate-Medical-Education-Dental-Programs . Click on "Request for Clerkship/Interview" in the bottom left corner
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Report to either Ms. Fran Pike or Dr. Anna Hosig at 1200 on the first Monday of your rotation following your Site Orientation (EMR access, ID badge distribution, scrub card access, etc) with our GME office in Building 3, 3rd floor. Our offices can be found in Building 2, 3rd floor of NMCP, following signs for "Anesthesiology Department". Bring clothes to change into scrubs with "OR shoes" that are able to get dirty.
Evaluation:	100% Clinical Observation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 95%	Direct Patient Care: 40
Trauma/ICU: 0%	Didactics: 5
Outpatient: 5%	Asynchronous: 0

Scheduling Contact

Course Coordinator:	Anna L. Hosig, DO
Coordinator Email:	anna.l.hosig.mil@mail.mil
Coordinator Phone:	757-953-3238

Hospital Site Compliance

Naval Medical Center Portsmouth

ANS420W2: Cardiothoracic Anesthesia

Course Director(s):	Jason Morris, MD David Schinderle, MD
Course Location:	Sentara Heart Hospital
Course Description:	Practical and theoretical aspects of cardiothoracic anesthesia with special emphasis on selection of the anesthetic technique of choice and contraindications to different anesthetic techniques. This is a specialized anesthesia elective which will focus solely on heart and lung surgeries.
Learning Objectives:	At the providers discretion, the student will: 1. Evaluate uncomplicated patients for elective, straight forward surgery. 2. Recognize indications for general or regional anesthesia. 3. Understand standard and invasive monitors, including mechanism of action, indications, and troubleshooting. 4. Place I.V. cannulas easily and be aware of operative fluid management. 5. Master airway skills including: mask, ventilation, LMA placement, endotracheal intubation. 6. Understand changes in physiology during general and regional anesthesia 7. Review pharmacology of anesthetic drugs. 8. Be aware of the process of recovery from anesthesia. 9. Understand methods of post-op pain control.
Additional Preceptors:	Caroline Morris, MD; Charles Yue, MD; Franchesca Meachem, MD; George Vretakis, MD; Livia Dusa, MD; Sarah Witt, MD

Course Details

Course Category:	Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per rotation
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Student should email the doctors before the first day and make arrangements to meet them in the lobby of the Heart Hospital.
Evaluation:	100% Clinical Observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 95%
Trauma/ICU: 5%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 36
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Outlaw
Coordinator Email: OutlawSD@EVMS.EDU
Coordinator Phone: 757-446-8906

Hospital Site Compliance

Sentara, Heart Hospital

ANS420W4: Cardiothoracic Anesthesia

Course Director(s):	Jason Morris, MD David Schinderle, MD
Course Location:	Sentara Heart Hospital
Course Description:	Practical and theoretical aspects of cardiothoracic anesthesia with special emphasis on selection of the anesthetic technique of choice and contraindications to different anesthetic techniques. This is a specialized anesthesia elective which will focus solely on heart and lung surgeries.
Learning Objectives:	At the providers discretion, the student will: 1. Evaluate uncomplicated patients for elective, straight forward surgery. 2. Recognize indications for general or regional anesthesia. 3. Understand standard and invasive monitors, including mechanism of action, indications, and troubleshooting. 4. Place I.V. cannulas easily and be aware of operative fluid management. 5. Master airway skills including: mask, ventilation, LMA placement, endotracheal intubation. 6. Understand changes in physiology during general and regional anesthesia 7. Review pharmacology of anesthetic drugs. 8. Be aware of the process of recovery from anesthesia. 9. Understand methods of post-op pain control.
Additional Preceptors:	Caroline Morris, MD; Charles Yue, MD; Franchesca Meachem, MD; George Vretakis, MD; Livia Dusa, MD; Sarah Witt, MD

Course Details

Course Category:	Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Student should email the doctors before the first day and make arrangements to meet them in the lobby of the Heart Hospital.
Evaluation:	100% Clinical Observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 95%
Trauma/ICU: 5%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 36
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Outlaw
Coordinator Email: OutlawSD@EVMS.EDU
Coordinator Phone: 757-446-8906

Hospital Site Compliance

Sentara, Heart Hospital

ANS998W2: Anesthesia Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Anesthesia elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

ANS998W4: Anesthesia Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Anesthesia elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

ANS999W2: Anesthesia Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Anesthesia elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

ANS999W4: Anesthesia Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Anesthesia elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Dermatology

DRM408W4: Dermatology

Course Director(s):	Abby Van Voorhees, MD
Course Location:	Andrews Hall, EVMS EVMS Princess Anne Fort Norfolk Plaza Pariser Dermatology
Course Description:	This elective is designed to give the student exposure to clinical dermatology including the vocabulary, diagnosis, and management of common skin diseases seen in general practice. Rotations through a variety of clinical outpatient settings will provide a broad-based background.
Learning Objectives:	1. Be able to perform a directed history and physical examination to assess a patient with skin disease and to formulate a plan of action. 2. Be able to accurately describe skin lesions. 3. Be able to diagnose and manage the 20 most common skin diseases. 4. Be familiar with the following procedures: a) KOH preparation b) Tzanck smear c) Scraping for ectoparasites d) Wood's light examination 5. Understand the principles of dermatologic surgery and cryotherapy. 6. Know how and when to refer a patient to a dermatologist.
Additional Preceptors:	Alice Roberts, MD, PhD; Judith Williams, MD; Julia Burden, MD; Molly Smith, MD; Robert Pariser, MD; Robert Smith, MD; Scott Whitlock, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 2, 3, 4 (3 students) Blocks 5, 6, 7, 8, 9 (two students)
Number of Students:	2-3 per block
Restrictions/Pre-Requisites:	August – October preference given to students pursuing a Dermatology residency
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	TWO WEEKS BEFORE FIRST DAY contact April McGuire, 721 Fairfax Avenue, Suite 200 to complete paperwork required to begin the elective
Evaluation:	End of rotation exams, clinical observations and clinical presentations.

Student Efforts

% of Time in Various Settings

Inpatient Care: 5%
Trauma/ICU: 0%
Outpatient: 95%

Activity Hours Per Week

Direct Patient Care: 25
Didactics: 9
Asynchronous: 6

Scheduling Contact

Course Coordinator: April McGuire, MMHPE

Coordinator Email: mcguiral@evms.edu

Coordinator Phone: 757-446-0593

Hospital Site Compliance

Eastern Virginia Medical School

DRM410W4: Dermatology Special Elective

Course Director(s):	Abby Van Voorhees, MD
Course Location:	Andrews Hall, EVMS
Course Description:	This elective is offered to individuals with a special interest in dermatology. Opportunities will be available to pursue a research project that will result in a publication. Projects will be tailored to the individual's area of interest.
Learning Objectives:	1. Work with a mentor to refine the project's aims, research questions, and protocol 2. Form clinical questions and retrieve evidence to advance patient care 3. Demonstrate curiosity, objectivity, and scientific reasoning 4. Retrieve and assess evidence 5. Demonstrate awareness and early skill in the appraisal of sources and content of medical information 6. Present credible research questions and hypothesis 7. Present credible conclusions or proposed solutions of value for medical practice 8. Achieve significant results or stated goals with a presentation or publication at the end of the rotation
Additional Preceptors:	Alice Roberts, MD, PhD; Other; Robert Smith, MD Dermatology Residents

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Student must meet w/ Dr. Van Voorhees at least one month prior to the start of the rotation.
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Contact April McGuire one month in advance to schedule meeting with Program Director.
Evaluation:	Observation, their ability to work with research resources, and fund of knowledge.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 0
Asynchronous: 40

Scheduling Contact

Course Coordinator: April McGuire, MMHPE

Coordinator Email: mcguiral@evms.edu

Coordinator Phone: 757-446-0593

Hospital Site Compliance

Non-hospital experience

DRM411W4: Virtual Dermatology (Visiting Students Only)

Course Director(s):	Alice Roberts, MD, PhD
Course Location:	Virtual
Course Description:	THIS COURSE IS ONLY AVAILABLE TO VISITING STUDENTS This elective is designed to give the student exposure to clinical dermatology including the vocabulary, diagnosis, and management of common skin diseases seen in general practice. Students can expect independent study of general dermatology issues in the morning, afternoons will be didactics. Sample student schedule: Monday and Fridays - AM: online dermatology modules/ PM: virtual didactics with residents and faculty Tuesday, Wednesday, and Thursday - AM: online dermatology modules / PM: virtual case studies with residents and virtual dermatopathology sessions with faculty.
Learning Objectives:	1. Incorporate history and physical examination findings into assessment of patient with skin disorder and formulate a treatment plan. 2. Be able to accurately describe skin lesions. 3. Be able to diagnose and manage the 20 most common skin diseases. 4. Understand approach to dermatopathology diagnosis based on microscopic analysis and the significance of clinicopathologic correlation to diagnosis and treatment of skin disorders. Recognize microscopic appearance of common skin neoplasms and inflammatory patterns. 5. Know how and when to refer a patient to a dermatologist.
Additional Preceptors:	Alice Roberts, MD, PhD; Judith Williams, MD; Robert Smith, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 2-9
Number of Students:	2 per block
Restrictions/Pre-Requisites:	This course is only available to visiting students. August – October preference given to students pursuing a Dermatology residency
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	TWO WEEKS BEFORE FIRST DAY contact April McGuire, 721 Fairfax Avenue, Suite 200 to complete paperwork required to begin the elective

Evaluation: Course examination, didactic participate, clinical presentations

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 13
Asynchronous: 20

Scheduling Contact

Course Coordinator: April McGuire, MMHPE

Coordinator Email: mcguiral@evms.edu

Coordinator Phone: 757-446-0593

Hospital Site Compliance

Non-hospital experience

DRM998W2: Dermatology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Dermatology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

DRM998W4: Dermatology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Dermatology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

DRM999W2: Dermatology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Dermatology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

DRM999W4: Dermatology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Dermatology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Emergency Medicine

ERM400W4: Emergency Medicine

Course Director(s):	Michael Bono, MD, FACEP
Course Location:	Sentara Norfolk General Hospital Sentara Princess Anne Hospital Sentara Leigh Hospital Sentara Virginia Beach General Hospital Sentara Obici Hospital
Course Description:	Rotate through the Emergency Department at several area Sentara hospitals with under EM Attending physicians. The student will see and evaluate all types of emergency patients, while working closely with emergency medicine attendings and residents. There is ample opportunity for hands-on care and developing procedural and clinical skills. Students are required to attend a series of lectures, grand rounds, SIM lab assessments, FAST exam Ultrasound, and our monthly Journal Club. The final grade is based on case conference presentation, patient/procedure logbook, clinical performance, and final exam grade. Clinical performance is a composite score based on resident and attending evaluations. The logbook refers to clinical experience documented in a patient/procedure log kept by the student during the rotation. In order to be considered for a grade of Honors for this elective, (the student must complete 15 documented shifts), a clinical score evaluation of Honors, and take the shelf exam. Students will be assigned to a resident/attending and are expected to work their assigned shifts. Any schedule requests/changes must be approved in advance by the Chief Resident.
Learning Objectives:	<ol style="list-style-type: none">1. Perform the initial evaluation of the emergent patient.2. Know the fundamentals of advanced cardiac and trauma life support.3. Understand the evaluation and management of trauma.4. Evaluate any patient presenting to the Emergency Department.5. Order and interpret labs, EKGs, and imaging studies in the evaluation of the emergent patient.6. Recognize a patient requiring urgent or emergent care and initiate management.7. Recognize when specialty or subspecialty consultation is appropriate.8. Demonstrate proper wound care and suturing techniques for simple lacerations.9. Perform a detailed examination of the trauma patient.10. Develop a differential diagnosis for patients with common ED complaints.11. Recognize arrhythmias and ischemic patterns of EKG tracings and rhythm strips.12. Interpret radiographs of the chest, extremities, and spine.13. Learn how to document electronic medical record.14. Perform a FAST Exam with the use of Ultrasound lab.
Additional Preceptors:	Other All physicians employed by the Emergency Physicians of Tidewater (EPT)

Course Details

Course Category:	Acting Internship, Ambulatory, Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 1, 2, 3, 4, 5, 6, 7, 8

Number of Students:	8 per block
Restrictions/Pre-Requisites:	Blocks 1-6 are reserved for students pursuing Emergency Medicine residency.
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Rm 304, Raleigh Building, Sentara Norfolk General Hospital, 600 Gresham Drive, Norfolk 23507
Evaluation:	Exam grade, case conference presentation, patient/procedure logbook, clinical performance, and number of shifts.

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 0%	Direct Patient Care: 40
Trauma/ICU: 0%	Didactics: 5
Outpatient: 100%	Asynchronous: 5

Scheduling Contact

Course Coordinator:	Traci Pugh
Coordinator Email:	pughtm@evms.edu
Coordinator Phone:	757-388-3397

Hospital Site Compliance

Sentara, Norfolk General Hospital
 Sentara, Virginia Beach General Hospital
 Sentara, Princess Anne Hospital
 Sentara, Obici Hospital
 Sentara, Leigh Hospital

ERM401W4: Emergency Medicine (Riverside)

Course Director(s):	Bryant Gray, DO Timothy Forsythe, DO
Course Location:	Riverside Regional Medical Center
Course Description:	Rotate through the Emergency Department at Riverside under EM Attending physicians. The student will see and evaluate all types of emergency patients, while working closely with emergency medicine attendings. There is ample opportunity for hands-on care and developing procedural and clinical skills. Students will be assigned to an attending and are expected to work their assigned shifts. Any schedule requests/changes must be approved in advance by the course director. Students are required to attend a series of lectures, grand rounds, SIM lab assessments, FAST exam Ultrasound, and our monthly Journal Club. The final grade is based on case conference presentation, clinical performance, and final exam grade. Clinical performance is a composite score based on attending evaluations. In order to be considered for a grade of Honors for this elective, (the student must complete 15 documented shifts), a clinical score evaluation of Honors, and pass the SAEM M4 exam on the first attempt. If the exam is failed, a makeup opportunity to improve your score will be given but Honors will no longer be possible.
Learning Objectives:	<ol style="list-style-type: none">1. Perform the initial evaluation of the emergent patient.2. Know the fundamentals of advanced cardiac and trauma life support.3. Understand the evaluation and management of trauma.4. Evaluate any patient presenting to the Emergency Department.5. Order and interpret labs, EKGs, and imaging studies in the evaluation of the emergent patient.6. Recognize a patient requiring urgent or emergent care and initiate management.7. Recognize when specialty or subspecialty consultation is appropriate.8. Demonstrate proper wound care and suturing techniques for simple lacerations.9. Perform a detailed examination of the trauma patient.10. Develop a differential diagnosis for patients with common ED complaints.11. Recognize arrhythmias and ischemic patterns of EKG tracings and rhythm strips.12. Interpret radiographs of the chest, extremities, and spine.13. Learn how to document electronic medical record.14. Perform a FAST Exam with the use of Ultrasound lab
Additional Preceptors:	Other Riverside Core and Community Faculty

Course Details

Course Category:	Acting Internship, Ambulatory, Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks

Number of Students:	1 per block
Restrictions/Pre-Requisites:	Blocks 1-6 reserved for students pursuing emergency medicine
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Annex building Floor 2; GME office conference room
Evaluation:	Exam grade, case conference presentation, patient/procedure logbook, clinical performance, and number of shifts.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 5
Asynchronous: 5

Students should contact Ms. Stephanie Powell at stephanie.powell@rivhs.com for rotation availability.

After you have received approval for your rotation. Request your rotation below and upload documentation of your approval.

Scheduling Contact

Course Coordinator:	Stephanie Powell
Coordinator Email:	stephanie.powell@rivhs.com
Coordinator Phone:	Not listed

Hospital Site Compliance

Riverside Regional Medical Center

ERM402W4: Emergency Medicine (NMCP)

Course Director(s): LT Eric Schmieler, MD

Course Location: Naval Medical Center Portsmouth

Course Description: Rotating medical students spend 4 weeks in our department, and function in a capacity similar to that of the typical sub-intern. Students evaluate patients autonomously and make presentations to senior residents or attending physicians with numerous training backgrounds and fellowship trainings. They participate in the resuscitation of critically ill or injured patients, and perform necessary procedures when indicated. Didactically, students participate in the weekly emergency medicine residency conferences, daily on-shift lectures, intern practicum skills lab, and simulation lab. Additionally, students benefit from a specialized medical student curriculum which covers key concepts in the field. They are invited to attend monthly journal club sessions. Students also benefit from their interaction with interns and residents of varied levels of training and specialty interests. A particularly unique feature of our rotation is the exposure to emergencies presenting primarily in the military setting and emergency physician use of ultrasound. NMPC is a large 450 bed teaching hospital which has 14 specialty residencies/fellowships. The annual patient census in the emergency department approaches 70,000 visits. Approximately 30% of these are of the pediatric population. Our ER has 25 “main side” beds, 15 fast-track beds, 5 triage beds, 2 resuscitation rooms, 2 observation beds, and 4 dedicated psychiatric beds.

Learning Objectives:

1. Introduce the student to the specialty of emergency medicine, and to afford the opportunity to participate to the fullest in its practice.
2. Assist the student in developing a thorough, systematic approach to the rapid recognition, evaluation, treatment, and disposition of the critically ill or injured patient. Additionally, to refine student skills in case presentation.
3. Teach the student how to prioritize patient care in terms of risk to life and limb as well as to introduce the student to self-management of multiple patients in a busy emergency department.
4. Set forth and teach a defined body of knowledge and skills which constitute the cornerstone of the specialty of emergency medicine.
5. Define acceptable standards of treatment for frequently encountered problems in the emergency department setting.
6. Involve the student in the regularly scheduled activities corresponding to the active established residency curriculum.
7. Introduce the student to the field of pre-hospital care, toxicology, disaster management, and environmental medicine – areas which fall into the special expertise of the emergency physician.
8. Involve the student in special procedures such as suturing, I&D, slit lamp examination, lumbar puncture, NG tube placement, Foley catheter placement, fracture identification and immobilization techniques, acute resuscitation procedures, venous access and central line placement, arterial puncture, airway management procedures, and many others.
9. Maintain sufficient flexibility to meet the personal needs of the trainee, to afford time for reading and individualized study, and to provide the necessary time for rest and relaxation.
10. Allow the student to function as a team-member in our department, improving the quality of care to our patients.

Additional Preceptors: Bob Frank, MD; CAPT John Devlin, MD; CDR Daphne Morrison-Ponce, MD; CDR Sean Stuart, MD; LCDR Adam Bloom, DO; LCDR Alyssa Krepela, DO; LCDR Eric Koch, DO; LCDR Eric Sulava, MD; LCDR Jared Verga, DO; LCDR Rich Slama; LCDR Steven Glerum, MD; LT Kasey Conklin, MD; LT Max Noe, MD; LT Samantha Ward, MD; LT Victoria Serven, MD; Mike Owens, DO; Rob Marshall, MD

Course Details

Course Category:	Acting Internship, Ambulatory, Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	Varies
Restrictions/Pre-Requisites:	Priority given to HPSP students July-October. To request this elective visit https://portsmouth.tricare.mil/Research-Education/Graduate-Medical-Education-Dental-Programs . Click on "Request for Clerkship/Interview" in the bottom left corner.
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Graduate Medical Education Office, Bldg, #3, 3rd floor at 0800 on first day of rotation for check-in documents.
Evaluation:	A brief 25-question examination based on the assigned readings is administered at the end of the rotation. The test is designed to be educational. Evaluations are primarily based on input from staff and resident physicians familiar with the performance of medical students.

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 0%	Direct Patient Care: 30
Trauma/ICU: 0%	Didactics: 5
Outpatient: 100%	Asynchronous: 1

Scheduling Contact

Course Coordinator:	Stephanie Outlaw
Coordinator Email:	outlawsd@evms.edu
Coordinator Phone:	757-446-8906

Hospital Site Compliance

ERM404L4: Prehospital Emergency Medicine- Emergency Medical Services (EMS)

Course Director(s):	Barry Knapp, MD
Course Location:	Virginia Beach EMS
Course Description:	This rotation integrates EVMS students into the community as functioning Emergency Medical Technicians (EMTs) in the City of Virginia Beach EMS (VBEMS). This longitudinal rotation is designed for students who have already completed their national certification as an Emergency Medical Technician (EMT) or higher and meet the requirements to join VBEMS as a volunteer provider. During the academic year, students are required to complete minimum of ten shifts as scheduled by VBEMS. Course participants are also expected to help proctor the training of EVMS M1/M2 students who are participating in the VBEMS community-engaged learning (CEL) initiative.
Learning Objectives:	For M4 EVMS students to develop and advanced level of experience and knowledge of all aspects of prehospital patient care including direct patient-care, mentorship, EMS systems and response, A. Learn principals of prehospital triage and emergency medical care delivery. B. Learn common organizational structures of emergency medical services. C. Learn the educational requirements and skill levels of various EMS providers. D. Learn principles of EMS system operations. E. Learn basic principles of disaster management. F. Learn medicolegal principals relating to EMS.
Additional Preceptors:	Other EVMS Emergency Medicine faculty, residents and fellows VBEMS EMS supervisors and providers

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	Longitudinal for 4 weeks credit
Blocks Offered:	All Blocks
Number of Students:	TBD number of students
Restrictions/Pre-Requisites:	This course only available to those holding a current NREMT certificate or higher and meet volunteer requirements as established by VA Beach EMS.
Visiting Students:	No
Night Call:	No

Reporting Instructions: Informational meeting with Course Director at the beginning of the academic year.

Evaluation: Direct feedback from VBEMS Supervisors.

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 0	Direct Patient Care: 3
Trauma/ICU: 0	Didactics: 3
Outpatient: 100	Asynchronous: 1

This longitudinal course accepts TBD number of students.

When requesting this course you should select Block "**Longitudinal**" on the course request form.

Scheduling Contact

Course Coordinator:	Barry Knapp, MD
Coordinator Email:	knappbj@evms.edu
Coordinator Phone:	757-388-3397

Hospital Site Compliance

Other- not listed

Other Health System Virginia Beach EMS

ERM406W4: Wilderness Medicine/MedWar

Course Director(s):	Eric Deutsch, MD
Course Location:	Eastern Virginia Medical School
Course Description:	Students on the rotation will learn Wilderness Medicine and outdoors skills through a combination of independent learning and small group hands-on sessions. They will then get to put the skills to practice in planning and execution of the Mid-Atlantic MedWAR Wilderness Adventure Race.
Learning Objectives:	Through the Medical Wilderness Adventure Race (MedWAR), participants will: 1. Understand the importance of wilderness medicine for all practicing physicians. 2. Learn about common wilderness medical problems, conditions, and situations. 3. Learn about the knowledge, skills, and techniques necessary for proper management of wilderness medicine. 4. Practice important wilderness medical skills and techniques. 5. Engage in a competitive format for the evaluation of proficiency in wilderness medical skills and techniques. 6. Appreciate the importance of teamwork in the success of wilderness medicine and wilderness activities in general. 7. Understand the importance of proper preparation, planning, and gear in the prevention and management of wilderness medical situations. 8. Understand the importance of physical fitness and its impact on the execution of healthcare provider duties, especially in a wilderness setting. 9. Understand the potential influences and complications of uncontrolled environmental conditions and settings on the management of wilderness medical situations. 10 .Develop bonds of collegiality between participants from different schools, hospitals, professions, areas, and backgrounds. 11. Obtain a familiarity with references and resources for self-education and further development of wilderness medical education. 12. Develop a deeper sense of respect for the environment and the need for proper management and conservation of wilderness areas. Source: https://www.medwar.org/mission
Additional Preceptors:	None

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Block 9
Number of Students:	6 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No

Night Call: No

Reporting Instructions: A few initial planning meetings will occur in winter and spring scheduled around student availability. The majority of educational sessions and MedWAR race will take place in March.

Evaluation: Based on participation and effort

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 0-4
Asynchronous: 5-50

Scheduling Contact

Course Coordinator: Eric Deutsch, MD

Coordinator Email: dutech17@gmail.com

Coordinator Phone: 757-388-3397

Hospital Site Compliance

Non-hospital experience

ERM410W4: Rural Emergency Medicine

Course Director(s):	Hugh Hemsley, MD, FACEP
Course Location:	Riverside Shore Memorial Hospital
Course Description:	<p>Students will rotate through the Riverside Shore Memorial Hospital Emergency Department located on the Eastern Shore for one month. This is a relatively new facility that sees about 23,000 patients per year in the ED with a high patient acuity. They will be introduced to the specialty of emergency medicine. Working in a rural emergency department they will be exposed also to the pros and cons unique to that type of practice. Students will function in a capacity similar to that of a sub-intern. Students will independently evaluate patients and then present cases to an attending physician for further discussion. Emphasis will be placed on developing the skills of rapid but thorough patient evaluation, treatment and appropriate disposition of the critically ill or injured patient. They will have the opportunity to participate in the evaluation of most complaints that present to the emergency department in addition to performing a variety of procedures when indicated. The student will be expected to be involved with the care of multiple patients and be able to prioritize their care. A minimum of 96 hours of clinical participation is mandatory. This requirement will be fulfilled by working eight 12 hour night shifts with Hugh Hemsley MD FACEP from 7p-7a. Additional hours at anytime during the rotation can also be obtained. EVMS Student Housing is available at 18554 Plantation Road, Onancock, Virginia 23417</p>
Learning Objectives:	<p>1. Introduce the student to the specialty of emergency medicine 2. Study and expand the body of knowledge of emergency medicine 3. Develop the skills needed to evaluate and care for patients in the ED 4. Develop the skills needed to communicate effectively with patients and their families 5. Develop the skills needed to communicate with other health care providers and function as part of the health care team.</p>
Additional Preceptors:	Crissy Hendricks, DO; Debra Davis, MD; Denise Harrison, MD; Ryan McAtee, DO; Scott Hines, MD

Course Details

Course Category:	Ambulatory, Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No

Night Call: Yes

Reporting Instructions: Contact Course Director

Evaluation: The student will be evaluated based on the Unified Competencies For The MD Program

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 100%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 24
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Outlaw

Coordinator Email: OutlawSD@EVMS.EDU

Coordinator Phone: 757-446-8906

Hospital Site Compliance

Riverside Shore Memorial Hospital

ERM998W2: Emergency Medicine Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Emergency Medicine elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

ERM998W4: Emergency Medicine Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Emergency Medicine elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

ERM999W2: Emergency Medicine Non-Catalog Course (Away)

Course Location:	Non-EVMS Affiliated Site
Course Description:	<p>Students may request permission to complete a non-Catalog Emergency Medicine elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and https://learning-objectives.easygenerator.com/ Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.</p>
Course Category:	Ambulatory, Critical Care, Elective
Course Length/Credit:	2 weeks

ERM999W4: Emergency Medicine Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Emergency Medicine elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Family Medicine

FAM404W2: Rural Medicine

Course Director(s):	Bruce Britton, MD
Course Location:	Community Family Doctor's Office who holds an EVMS Community Faculty appointment and has an affiliation agreement in place with EVMS. See list maintained by Stephanie Curtis.
Course Description:	This elective is designed to provide an in-depth experience in community/rural medicine. Student will work with a family physician in a rural primary care office. Travel may be necessary to Health Resources Service Administration rural sites around Hampton Roads, Virginia, or other states. Housing and transportation costs may be required if travel is over regulatory limits.
Learning Objectives:	Upon completion of this rotation the students will be able to: 1. Identify special health conditions within the rural populations. 2. Identify the nutritional factors in rural population which contribute to their health problems. 3. Recognize the environment, family situations, and social structures as important contributions to the health status of an individual. 4. Describe the contribution poverty plays in the distribution of infections and chronic diseases, especially among rural populations. 5. Demonstrate health education skills.
Additional Preceptors:	Other See list of Community Faculty maintained by Stephanie Curtis

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	Blocks 1-6 are for students pursuing primary care residency training
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Family Physician who holds an EVMS Community Faculty appointment
Evaluation:	100% clinical observation, OR the student may take this as a non-credit elective with a letter documenting their participation sent to their academic file in the Dean's Office.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0-10%
Trauma/ICU: 0%
Outpatient: 90-100%

Activity Hours Per Week

Direct Patient Care: 30-50
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Curtis
Coordinator Email: curtissr@EVMS.EDU
Coordinator Phone: 757-446-7460

Hospital Site Compliance

Other- not listed

Other Health System Health system will be identified at time of placement.

FAM404W4: Rural Medicine

Course Director(s):	Bruce Britton, MD
Course Location:	Community Family Doctor's Office who holds an EVMS Community Faculty appointment and has an affiliation agreement in place with EVMS. See list maintained by Stephanie Curtis.
Course Description:	This elective is designed to provide an in-depth experience in community/rural medicine. Student will work with a family physician in a rural primary care office. Travel may be necessary to Health Resources Service Administration rural sites around Hampton Roads, Virginia, or other states. Housing and transportation costs may be required if travel is over regulatory limits.
Learning Objectives:	Upon completion of this rotation the students will be able to: 1. Identify special health conditions within the rural populations. 2. Identify the nutritional factors in rural population which contribute to their health problems. 3. Recognize the environment, family situations, and social structures as important contributions to the health status of an individual. 4. Describe the contribution poverty plays in the distribution of infections and chronic diseases, especially among rural populations. 5. Demonstrate health education skills.
Additional Preceptors:	Other See list of Community Faculty maintained by Stephanie Curtis

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	Blocks 1-6 are for students pursuing primary care residency training
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Family Physician who holds an EVMS Community Faculty appointment
Evaluation:	100% clinical observation, OR the student may take this as a non-credit elective with a letter documenting their participation sent to their academic file in the Dean's Office.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0-10%
Trauma/ICU: 0%
Outpatient: 90-100%

Activity Hours Per Week

Direct Patient Care: 30-50
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Curtis
Coordinator Email: curtissr@EVMS.EDU
Coordinator Phone: 757-446-7460

Hospital Site Compliance

Other- not listed

Other Health System Health system will be identified at the time of placement.

FAM405W2: Rural Ambulatory Family Medicine

Course Director(s):	Hayes Lao, MD
Course Location:	Southampton Family Medicine 102-B Fairview Dr; Franklin, VA
Course Description:	This elective is designed to provide an in-depth experience in community/rural medicine. Student will work with a physician in a rural outpatient practice that combines family and internal medicine. Through direct observation and practicing medicine under the supervision of Family and Internal Medicine preceptors, the student will develop an accurate understanding of delivering ambulatory care in a rural patient population.
Learning Objectives:	Upon completion of this rotation the students will be able to: 1. Identify special health conditions within the rural populations. 2. Identify the nutritional factors in rural population which contribute to their health problems. 3. Recognize the environment, family situations, and social structures as important contributions to the health status of an individual. 4. Describe the contribution poverty plays in the distribution of infections and chronic diseases, especially among rural populations. 5. Demonstrate health education skills. 6. Evaluate how internal medicine and its subspecialties can be applied in a practical setting. 7. Discuss how social determinants of health contribute to disease. 8. Discuss appropriate prevention, screening, and treatment measures for specific at-risk groups. 9. Identify cost-effective and evidence-based diagnosis and management options. 10. Adapt plans appropriately for patients with disadvantaged educational and socioeconomic backgrounds. 11. Execute an appropriate history, physical exam, oral presentation, and write-up in the ambulatory setting. 12. Discuss progress and disposition as applied to a patient with a given disease. 13. Demonstrate appropriate communication and psychosocial skills. 14. Demonstrate an ethical and professional attitude towards patients and their care.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1-2 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No

Night Call: No

Reporting Instructions: Contact Stephanie Outlaw for reporting instructions.

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 30-50
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Outlaw

Coordinator Email: OutlawSD@EVMS.EDU

Coordinator Phone: 757-446-8906

Hospital Site Compliance

Bon Secours Southampton Medical Center

FAM405W4: Rural Ambulatory Family Medicine

Course Director(s):	Hayes Lao, MD
Course Location:	Southampton Family Medicine 102-B Fairview Dr; Franklin, VA
Course Description:	This elective is designed to provide an in-depth experience in community/rural medicine. Student will work with a physician in a rural outpatient practice that combines family and internal medicine. Through direct observation and practicing medicine under the supervision of Family and Internal Medicine preceptors, the student will develop an accurate understanding of delivering ambulatory care in a rural patient population.
Learning Objectives:	Upon completion of this rotation the students will be able to: 1. Identify special health conditions within the rural populations. 2. Identify the nutritional factors in rural population which contribute to their health problems. 3. Recognize the environment, family situations, and social structures as important contributions to the health status of an individual. 4. Describe the contribution poverty plays in the distribution of infections and chronic diseases, especially among rural populations. 5. Demonstrate health education skills. 6. Evaluate how internal medicine and its subspecialties can be applied in a practical setting. 7. Discuss how social determinants of health contribute to disease. 8. Discuss appropriate prevention, screening, and treatment measures for specific at-risk groups. 9. Identify cost-effective and evidence-based diagnosis and management options. 10. Adapt plans appropriately for patients with disadvantaged educational and socioeconomic backgrounds. 11. Execute an appropriate history, physical exam, oral presentation, and write-up in the ambulatory setting. 12. Discuss progress and disposition as applied to a patient with a given disease. 13. Demonstrate appropriate communication and psychosocial skills. 14. Demonstrate an ethical and professional attitude towards patients and their care.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No

Night Call: No

Reporting Instructions: Contact Stephanie Outlaw for reporting instructions.

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 30-50
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Outlaw

Coordinator Email: OutlawSD@EVMS.EDU

Coordinator Phone: 757-446-8906

Hospital Site Compliance

Bon Secours Southampton Medical Center

FAM410W2: Apprenticeship in Family Medicine

Course Director(s):	Bruce Britton, MD
Course Location:	Community Family Doctor's Office who holds an EVMS Community Faculty appointment and has an affiliation agreement in place with EVMS. See list maintained by Stephanie Curtis.
Course Description:	Through reading and direct observation of family physician preceptors, the student will develop an accurate understanding of family medicine as a discipline and potential career choice.
Learning Objectives:	Upon completion of this rotation the students will be able to: 1. Define their knowledge of the scope of ambulatory family medicine 2. Develop his/her clinical skills in managing common outpatient problems 3. Develop his/her understanding of practicing in an environment which interfaces with managed care systems 4. Use the resources of the EVMS Department of Family and Community Medicine to meet ongoing educational and career guidance needs in medical school.
Additional Preceptors:	Other See list of Community Faculty maintained by Stephanie Curtis.

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	3 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Family Physician's Office with a physician who holds an EVMS Community Faculty appointment
Evaluation:	100% clinical observation, OR the student may take this as a non-credit elective with a letter documenting their participation sent to their academic file in the Dean's Office.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 30-50
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Curtis
Coordinator Email: curtissr@EVMS.EDU
Coordinator Phone: 757-446-7460

Hospital Site Compliance

Other Health System Health system will be identified at time of placement.

FAM410W4: Apprenticeship in Family Medicine

Course Director(s):	Bruce Britton, MD
Course Location:	Community Family Doctor's Office who holds an EVMS Community Faculty appointment and has an affiliation agreement in place with EVMS. See list maintained by Stephanie Curtis.
Course Description:	Community Family Doctor's Office who holds an EVMS Community Faculty appointment and has an affiliation agreement in place with EVMS. See list maintained by Stephanie Curtis.
Learning Objectives:	Upon completion of this rotation the students will be able to: 1. Define their knowledge of the scope of ambulatory family medicine 2. Develop his/her clinical skills in managing common outpatient problems 3. Develop his/her understanding of practicing in an environment which interfaces with managed care systems 4. Use the resources of the EVMS Department of Family and Community Medicine to meet ongoing educational and career guidance needs in medical school.
Additional Preceptors:	Other See list of Community Faculty maintained by Stephanie Curtis.

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	3 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Family Physician's Office with a physician who holds an EVMS Community Faculty appointment
Evaluation:	100% clinical observation, OR the student may take this as a non-credit elective with a letter documenting their participation sent to their academic file in the Dean's Office.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 30-50
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Curtis
Coordinator Email: curtissr@EVMS.EDU
Coordinator Phone: 757-446-7460

Hospital Site Compliance

Other- not listed

Other Health System Health system will be identified at time of placement

FAM417W4: Family Medicine Acting Internship

Course Director(s):	John Snellings, MD
Course Location:	Ghent Family Medicine Sentara Norfolk General Hospital
Course Description:	<p>The student will spend 4 weeks with the EVMS Family Medicine inpatient team at Sentara Norfolk General Hospital. Inpatient service only admits patients from the Ghent Family Medicine. The student's responsibilities are commensurate to those of an intern on the family medicine service. These responsibilities include daily rounds, management of patients, evaluations of patients in the emergency department, admissions and discharges through EMR. For continuity, there will be opportunities to follow the discharged patient(s) during Hospital Follow-up appointments at Ghent Family Medicine. There will also be opportunities to take night call with the family medicine intern. All activities will be supervised by a senior resident and the rounding faculty. Reference: de la Cruz MD, Sairenji T, Stumbar SE, Babalola D, Chessman AW. Curricular Recommendations for a National Family Medicine Subinternship: A Qualitative Analysis From Multiple Stakeholders. <i>Fam Med.</i> 2021;53(10):835-842. https://doi.org/10.22454/FamMed.2021.567515. November-December 2021 https://journals.stfm.org/familymedicine/2021/november-december/delacruz-2021-0139/</p>
Learning Objectives:	<p>Upon completion of this rotation the student will be able to: 1. Perform at the level of a first-year resident. 2. Follow and have primary responsibility for the care of the patients they admit (from admission through discharge). 3. Work with hospital healthcare team to transition patient safely back to outpatient setting. 4. Demonstrate the ability to order appropriate diagnostic studies and interpret their results. 5. Perform procedures, when indicated, on their patients (under direct supervision of attending/resident). 6. Demonstrate a working knowledge of the psychosocial and biomedical aspects of common outpatient medical problems for which patients are commonly admitted to a family medicine service. 7. Demonstrate the ability to assess the psychosocial aspects of a patient's history and the effects they might have on the health of that patient. 8. Become familiar with practice-based learning – i.e. Cost effective medicine 9. Become familiar with community-based learning – i.e. Communication with other care providers and consultants</p>
Additional Preceptors:	Alexandra Mack, MD; Althea Gunther, MD; Karo "Gary" Ohanian, MD; Margaret Baumgarten, MD; Mary Rubino, MD; Michael Kopec, MD; Michael Layne, MD; Richard Whalen, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks

Number of Students:	1 per block
Restrictions/Pre-Requisites:	Block 1-6 reserved for students pursuing family medicine.
Visiting Students:	Yes
Night Call:	Yes
Reporting Instructions:	Prior to the first day of the rotation, student is contacted and provided the meeting location of the inpatient team.
Evaluation:	The student's final grade will be based on performances as evaluated by attending and resident physicians. Also included will be attendance at the didactic sessions and a written H&P on one of the patients that the student admits while on the rotation.

Student Efforts

% of Time in Various Settings

Inpatient Care: 95%
 Trauma/ICU: 0%
 Outpatient: 5%

Activity Hours Per Week

Direct Patient Care: 35
 Didactics: 5
 Asynchronous: 0

Scheduling Contact

Course Coordinator:	Stephanie Curtis
Coordinator Email:	curtissr@EVMS.EDU
Coordinator Phone:	757-446-7460

Hospital Site Compliance

Sentara, Norfolk General Hospital

FAM418W4: Ambulatory Family Medicine

Course Director(s):	John Snellings, MD
Course Location:	Ghent Family Medicine
Course Description:	The student will spend four weeks providing patient care at the Ghent Family Medicine ambulatory center under the supervision of attending physicians and senior residents. The student will have the opportunity to provide “point of care” services such as cryotherapy and joint injections. Participation in the center’s minor surgery, colposcopy and other specialty clinics can be arranged based on interest and availability.
Learning Objectives:	Upon completion of this rotation the student will be able to: 1. Appreciate the scope of ambulatory family practice. 2. Develop his/her clinical skills in managing common outpatient problems. 3. Develop his/her understanding of practicing in an environment which interfaces with managed care systems.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Block 1-6 reserved for students pursuing family medicine.
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Contact Stephanie Curtis at Ghent Family Medicine, 757-446-7460
Evaluation:	100% observation - Student will receive a composite evaluation based on assessments completed by faculty and residents

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 35
Didactics: 5
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Curtis
Coordinator Email: curtissr@EVMS.EDU
Coordinator Phone: 757-446-7460

Hospital Site Compliance

Non-hospital experience

FAM419W4: Family Medicine Acting Internship (Riverside)

Course Director(s):	Jon Kaminer, MD
Course Location:	Riverside Brentwood Family Medicine Riverside Regional Medical Center
Course Description:	<p>The student will spend 4 weeks with the Riverside Family Medicine Program. 2 weeks will be spent on night float with the Family Medicine inpatient team at Riverside Regional Medical Center and 2 weeks seeing patients at the Riverside Brentwood Family Medicine Outpatient Clinic. All weekends are off. The student's responsibilities are commensurate to those of a family medicine intern. These responsibilities include daily rounds, management of patients, evaluations of patients in the emergency department, admissions, discharges and sign out. For continuity, there will be opportunities to follow the discharged patient(s) during follow-up at the outpatient family medicine center. All activities will be supervised by a senior resident and the Riverside Family Medicine faculty. The acting intern will attend didactic lectures when on days.</p>
Learning Objectives:	<p>Upon completion of this rotation the student will be able to: 1. Perform at the level of a first year resident. 2. Follow and have primary responsibility for the care of the patients they admit (from admission through discharge). 3. Work with hospital healthcare team to transition patient safely back to outpatient setting. 4. Demonstrate the ability to order appropriate diagnostic studies and interpret their results. 5. Perform procedures, when indicated, on their patients (under direct supervision of attending/resident). 6. Demonstrate a working knowledge of the psychosocial and biomedical aspects of common outpatient medical problems for which patients are commonly admitted to a family medicine service. 7. Demonstrate the ability to assess the psychosocial aspects of a patient's history and the effects they might have on the health of that patient. 8. Become familiar with practice-based learning – i.e. Cost effective medicine 9. Become familiar with community-based learning – i.e. Communication with other care providers and consultants.</p>
Additional Preceptors:	Beth Klug, MD; Bradely Touchet, MD; Jacob Jones, MD; Joy Elliot, DO; Michael Lustig, MD; Patricia Wessler, MD; Verneeta Williams, MD

Course Details

Course Category:	Acting Internship, Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	This rotation is open to students interested in pursuing a residency in Family Medicine and staying in

Hampton Roads. Students must contact Ms Hundley to submit an application and rotations are granted on a first come first served basis.

Visiting Students:	No
Night Call:	Yes
Reporting Instructions:	Prior to the first day of the rotation, student is contacted and provided the meeting location of the team.
Evaluation:	The student's final grade will be based on performances as evaluated by attending and resident physicians. Students are also required to present a case presentation at the end of the rotation.

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 50%	Direct Patient Care: 40
Trauma/ICU: 0%	Didactics: 4
Outpatient: 50%	Asynchronous: 0

Interested students must contact Ms. Hundley at kathleen.hundley2@rivhs.com to submit an application and rotations are granted on a first come first served basis.

After you have received approval for your rotation. Request your rotation below and upload documentation of your approval.

Scheduling Contact

Course Coordinator:	Kathleen Hundley
Coordinator Email:	kathleen.hundley2@rivhs.com
Coordinator Phone:	757-594-3890

Hospital Site Compliance

Riverside Regional Medical Center

FAM421L4: Family Medicine Quality Improvement

Course Director(s):	Margaret Baumgarten, MD Catherine Derber, MD
Course Location:	Eastern Virginia Medical School
Course Description:	The student will longitudinally over academic year work with Dr. Margaret Baumgarten/Dr. Catherine Derber, and other faculty for approximately 8 sessions starting in August and continuing once a month. The student will work with the Quality Improvement team in various aspects of EVMS QI activities that may include practice-based research and implementation, best practices research and implementation, disease registry development and implementation, and development of dissemination of knowledge programs.
Learning Objectives:	Upon completion of this rotation the student will be able to: 1. Understand basic principles of Continuous Quality Improvement in a healthcare organization. 2. Understand basic process improvement methodologies and techniques utilized in Quality Improvement and Institutional Review Board. 3. Understand basic organizational structures that foster integration of Quality Improvement into healthcare organizations. 4. Course objectives may be tailored to meet their specific needs in conjunction with Dr. Baumgarten/ Dr. Derber.
Additional Preceptors:	Richard Bikowski, MD

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 4 weeks credit
Blocks Offered:	August-May
Number of Students:	20+ students
Restrictions/Pre-Requisites:	Meeting with Course Director
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Dr. Margaret Baumgarten/Dr. Catherine Derber
Evaluation:	The student's final grade will be based on performance as evaluated by Director and the QI team and on student's research and written QI project.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 10%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 10%
Asynchronous: 80%

This longitudinal course accepts 20+ students.

When requesting this course you should select Block "Longitudinal" on the course request form.

Scheduling Contact

Course Coordinator: Stephanie Curtis
Coordinator Email: curtissr@EVMS.EDU
Coordinator Phone: 757-446-7460

Hospital Site Compliance

Non-hospital experience

FAM423W4: Family Medicine Acting Internship

Course Director(s):	Karo "Gary" Ohanian, MD
Course Location:	Portsmouth Family Medicine Bon Secours Maryview Medical Center
Course Description:	<p>The student will spend 4 weeks at Portsmouth Family Medicine. The student's responsibilities will be comparable to those of an intern on the family medicine service. They will be required to do admission histories and physicals and follow the patients admitted to the service. They will also attend didactic lectures at the appropriate site. The student will spend one afternoon per week in the office seeing patients with hospital residents to provide continuity for discharged patients. Reference: de la Cruz MD, Sairenji T, Stumbar SE, Babalola D, Chessman AW. Curricular Recommendations for a National Family Medicine Subinternship: A Qualitative Analysis From Multiple Stakeholders. <i>Fam Med</i>. 2021;53(10):835-842. https://doi.org/10.22454/FamMed.2021.567515. November-December 2021 https://journals.stfm.org/familymedicine/2021/november-december/delacruz-2021-0139/</p>
Learning Objectives:	<p>Upon completion of this rotation the student will be able to: 1. Perform at the level of a first year resident. 2. Follow and have primary responsibility for the care of the patients they admit (from admission through discharge). 3. Work with hospital healthcare team to transition patient safely back to outpatient setting. 4. Demonstrate the ability to order appropriate diagnostic studies and interpret their results. 5. Perform procedures, when indicated, on their patients (under direct supervision of attending/resident). 6. Demonstrate a working knowledge of the psychosocial and biomedical aspects of common outpatient medical problems for which patients are commonly admitted to a family medicine service. 7. Demonstrate the ability to assess the psychosocial aspects of a patient's history and the effects they might have on the health of that patient. 8. Become familiar with practice-based learning – i.e. Cost effective medicine 9 .Become familiar with community-based learning – i.e. Communication with other care providers and consultant</p>
Additional Preceptors:	Bruce Britton, MD; Jessica Quirk, MD; Margaret Baumgarten, MD; Michael Kopec, MD; Pamela Reiser, MD; Stan Brittman, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Block 1-6 reserved for students pursuing family medicine.

Visiting Students: Yes

Night Call: Yes

Reporting Instructions: Justin Beck at Portsmouth Family Medicine, 757-264-5936. Prior to the first day of the rotation, the student is contacted and provided the meeting location of the inpatient team.

Evaluation: The student's final grade will be based on performances as evaluated by attending and resident physicians. Also included will be attendance at the didactic sessions and a written H&P on one of the patients that the student admits while on the rotation.

Student Efforts

% of Time in Various Settings

Inpatient Care: 90%
Trauma/ICU: 0%
Outpatient: 10%

Activity Hours Per Week

Direct Patient Care: 36
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Curtis

Coordinator Email: curtissr@EVMS.EDU

Coordinator Phone: 757-446-7460

Hospital Site Compliance

Bon Secours Maryview Medical Center

FAM424W4: Ambulatory Family Medicine

Course Director(s):	Michael Kopec, MD
Course Location:	Portsmouth Family Medicine
Course Description:	The student will spend four weeks in their rotations seeing patients with their preceptor. The student will provide care for patients under supervision and when appropriate participate in educational activities.
Learning Objectives:	Upon completion of this rotation the student will be able to: 1. Appreciate the scope of ambulatory family practice. 2. Develop his/her clinical skills in managing common outpatient problems. 3. Develop his/her understanding of practicing in an environment which interfaces with managed care systems.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Justin Beck at Portsmouth Family Medicine, 757-264-5936.
Evaluation:	100% observation - Student will receive a composite evaluation based on assessments completed by faculty and residents

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 0%	Direct Patient Care: 32
Trauma/ICU: 0%	Didactics: 4
Outpatient: 80%	Asynchronous: 4

Scheduling Contact

Course Coordinator: Stephanie Curtis
Coordinator Email: curtissr@EVMS.EDU
Coordinator Phone: 757-446-7460

Hospital Site Compliance

Non-hospital experience

FAM425L4: Cost Conscious Medical Care

Course Director(s):	John Snellings, MD
Course Location:	Virtual (Zoom)
Course Description:	Students will meet for initial course introduction to enhance cost-conscious medical care appreciation for the ambulatory or inpatient care settings, and/or interfaces of care (e.g., emergency departments). There are 8 total sessions held between August and April. Students will prepare for evening seminars reviewing best practices in cost-conscious care, from the Choosing Wisely Initiative to principles of parsimony. Students will have the opportunity to meet independently to design and carry out education or clinical interventions, while learning metrics for quality and cost of care.
Learning Objectives:	Upon completion of this rotation the student will be able to: 1. Describe the basic cost drivers of medical care in the United States. 2. Demonstrate the influence of social determinants of health and their relationship to medical costs in the United States. 3. Analyze the impact of medical costs on the accessibility of medical care and health disparities in the United States. 4. Define the effects of diagnostic testing costs on the costs of medical care. 5. Describe how physicians can affect the costs of patient care.
Additional Preceptors:	None

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 4 weeks credit
Blocks Offered:	August-April
Number of Students:	20 students
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Stephanie Curtis two weeks in advance, 757-446-7460
Evaluation:	Students will be graded based on combination of overall course participation including seminar discussion, online discussion groups, and assignments. Grading will be based on these outcomes.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0

Didactics: 10-20

Asynchronous: 2

This longitudinal course accepts 20 students.

When requesting this course you should select Block "Longitudinal" on the course request form.

Scheduling Contact

Course Coordinator: Stephanie Curtis

Coordinator Email: curtissr@EVMS.EDU

Coordinator Phone: 757-446-7460

Hospital Site Compliance

Sentara, Norfolk General Hospital

FAM431W4: Family Medicine/Obesity Medicine

Course Director(s):	Trupti Patel, MD
Course Location:	Physicians Premiere Weight and Wellness Center 21035 Sycolin Rd, Suite 180 Ashburn, VA 20147
Course Description:	<p>Obesity has significantly increased in the last several decades both in this country and worldwide. Unfortunately, there still remains a shortage of obesity medicine education in the training of healthcare professionals. The goal of this rotation is to provide an evidence-based obesity education for medical students. Obesity is now recognized as a chronic disease and treatment approach is based on this. The treatment approach of obesity is comprehensive and customized to each patient. We use 4 very important components in treatment approach: medical, nutritional, behavioral, and exercise. It is important to note that: 1. Obesity is the most common disease encountered in medical practice currently. 2. Obesity is a cause or contributing factor to more than 200 other diseases. 3. The treatment of obesity can improve or resolve many of these conditions.</p>
Learning Objectives:	<ol style="list-style-type: none">1. This rotation will provide students the opportunity to understand of the care of the patient with obesity in both adults and children.2. Learn to use an evidence-based medical, nutritional, behavioral, and exercise components of obesity treatment.3. Develop the knowledge, skills, and attitudes necessary to assess patients with obesity and develop treatment recommendations based on evidence-based information currently available.4. Develop the foundational tools necessary to address problem solving, patient assessment, and the coordination of health care for the individual with obesity.5. Learn to address chronic diseases associated with obesity and make treatment recommendations for these diseases as needed.6. Learn how to do and interpret ancillary procedures used in obesity treatment such as body composition testing and metabolic testing.7. Patient will learn the use of FDA approved weight loss medications as well as off-label use of other medications
Additional Preceptors:	None
	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 5-9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None

Visiting Students: No

Night Call: No

Reporting Instructions: Contact Course Director for reporting instructions.

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 30-50
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Trupti Patel, MD

Coordinator Email: truptipatel@yahoo.com

Coordinator Phone: 703-474-2995

Hospital Site Compliance

Non-hospital experience

FAM998W2: Family Medicine Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Family Medicine elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

FAM998W4: Family Medicine Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Family Medicine elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

FAM999W2: Family Medicine Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Family Medicine elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

FAM999W4: Family Medicine Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Family Medicine elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Interdisciplinary Studies

ITD422L2: Clinical Skills Facilitator

Course Director(s):	Erika Rhone, MD
Course Location:	Eastern Virginia Medical School
Course Description:	<p>The Junior Facilitator experience allows fourth-year medical students the opportunity to assist EVMS faculty in leading Clinical Skills sessions for first and second-year students. This is a longitudinal experience that begins with training concerning facilitating small group learning, giving strategic feedback, and evaluating learner performance. The participant will assist faculty in leading small group discussions, overseeing simulated patient interviews relevant to medical history and physical exam topics and guiding discussions about medical decision making. Student facilitators will also have an opportunity to lead and participate in other small group venues offered throughout the year. The required orientation/training session is offered in June or July with clinical skills sessions beginning mid- August and extending through late-April. Small groups are coordinated with the M1 and M2 schedules and observant of vacation time. Most sessions are held on Tuesday or Thursday afternoon in the Sentara Center for Simulation and Immersive Learning (SCSIL). By meeting the requirements of the course the student will accrue two weeks of M4 credit. Other Information: Students must be able to attend one of the two training sessions and participate in at least two-thirds of the small group sessions that span the academic year. Total of 30 contact hours with M1/M2 students (direct instructional time) is required for this elective. Please note that in order to receive course credit, 50% of required contact hours must be completed at the conclusion of the first semester. Students must also be able to attend the required 15-minute facilitator huddle prior to facilitating sessions.</p>
Learning Objectives:	<p>The experience offers students a chance to develop educational skills that will become increasingly important during their post-graduate training and careers. It also provides them an opportunity to contribute to the education of their fellow students.</p>
Additional Preceptors:	None

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 2 weeks credit
Blocks Offered:	July-April
Number of Students:	28-30 students per year
Restrictions/Pre-Requisites:	<p>Complete the online application to be considered for the elective. https://evms.co1.qualtrics.com/jfe/form/SV_blof9BuKYvz7hzM Students will be required to interview with Course Director following submission of the application to be considered for this elective.</p>

Visiting Students:	No
Night Call:	No
Reporting Instructions:	Dates of small group facilitation training will be emailed to students during the course orientation by Alicia Wolters; including details of time and location.
Evaluation:	Based on attendance and faculty/student feedback

Student Efforts

% of Time in Various Settings

Inpatient Care: N/A
Trauma/ICU: N/A
Outpatient: N/A

Activity Hours Per Week

Direct Patient Care: N/A
Didactics: N/A
Asynchronous: N/A

This longitudinal course accepts 28-30 students per year.

When requesting this course you should select Block "**Longitudinal**" on the course request form.

Scheduling Contact

Course Coordinator:	Alicia Wolters
Coordinator Email:	wolteram@evms.edu
Coordinator Phone:	757-446-7071

Hospital Site Compliance

Non-hospital experience

ITD426W4: Transition in Practice Series (TIPS): Residency

Course Director(s):	A. Brooke Hooper, MD Erika Rhone, MD
Course Location:	Eastern Virginia Medical School
Course Description:	<p>Transition into Practice Series (TIPS): Residency Readiness is a required course that reviews the core competencies graduating medical students should possess prior to starting internship. TIPS is divided into 2 components: 1. Entrustable Professional Activities which offers in-depth exposure to high-yield topics specific to a student's chosen field and 2. Professional Development Electives aimed to offer content highlighting topics pertinent to all specialties. This course will primarily be delivered virtually, with in-person skills-based sessions (ultrasound, basic and specialty-specific procedures), call/code management simulations and interactive sessions.</p> <p>Entrustable Professional Activities</p> <ol style="list-style-type: none">1. Gather a history and perform a PE2. Prioritize a differential diagnosis following a clinical encounter3. Recommend and interpret common diagnostic and screening tests4. Enter and discuss orders and prescriptions5. Document a clinical encounter in the patient record6. Provide an oral presentation of a clinical encounter7. Form clinical questions and retrieve evidence to advance patient care8. Give or receive a patient handover to transition care responsibility9. Collaborate as a member of an interprofessional team10. Recognize a patient requiring urgent or emergent care and initiate evaluation/management11. Obtain informed consent for tests and/or procedures12. Perform general procedures of a physician13. Identify system failures and contribute to a culture of safety and improvement <p>Professional Development</p> <ol style="list-style-type: none">1. Understand Malpractice2. Wellness in Medicine3. Career Pathways4. Cultural Humility5. Quality improvement and Population Health6. Ethics7. Risk Management8. Financial Planning9. Residents as Teachers10. Healthcare Delivery: Insurance, coding, and billing11. Communication Techniques12. Opioid management and Opioid Misuse13. Value-Based Care
Learning Objectives:	<ol style="list-style-type: none">1. Alleviate student anxiety regarding transition from medical school to residency.2. Increase student confidence in both clinical and technical skills expected on Day 1 of residency.3. Review core clinical concepts specific to chosen specialty.4. Offer an integrated active multidisciplinary learning experience.5. Practice and receive feedback on technical and clinical skills specific to chosen subspecialty.6. Engage in discussion and reflect upon personal and professional topics likely to be encountered during residency.
Additional Preceptors:	None

Course Details

Course Category:	Required
Course Type:	Non-Clinical
Course Length/Credit:	4 weeks

Blocks Offered:	Block 10
Number of Students:	Unlimited
Restrictions/Pre-Requisites:	Match commitment to a PGY-1 residency program
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Students will be expected to attend 1 week of in-person activities Monday – Friday based on their specialty as follows: Week 1: IM/IM Prelim (Derm, Neuro, PM&R, TY, Ophtho) Week 2: EM, IM Prelim (Anesthesiology, ENT, Radiology) Week 3: Peds, Child Neuro, FM, Med/Peds, OB, Psych Week 4: Surgery, Ortho, Urology, Vascular, Plastics, NSGY
Evaluation:	Completion of course requirements and assignments

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 40
Asynchronous: 20

Scheduling Contact

Course Coordinator:	A. Brooke Hooper, MD
Coordinator Email:	hooperab@evms.edu
Coordinator Phone:	757-446-0328

Hospital Site Compliance

Non-hospital experience

ITD432L4: Medical Spanish

Course Director(s):	Alexandra Leader, MD, MPH
Course Location:	Eastern Virginia Medical School
Course Description:	In the current setting of COVID-19 travel restrictions and with a focus on global health competencies in local settings, the goal of this Medical Spanish elective is to give student participants of the EVMS Medical Spanish and Global Health programs the opportunity to invest additional time to support ongoing Medical Spanish initiative activities, including Clinica Esperanza sessions, community health fairs, longitudinal research, and on-campus/virtual lunch and learn sessions. Elective participants will also engage in journal club sessions related to marginalized world languages and additional medical Spanish language study through immersive virtual medical Spanish tutoring with our partners at Pop Wuj language school in Guatemala.
Learning Objectives:	<p>Interpersonal and Communication Skills: Participants will strengthen their ability to communicate effectively with Spanish-speaking patients from Spanish-speaking cultures in a medical setting.</p> <p>Cultural Humility: At the conclusion of the elective, students will be able to identify techniques for engaging sensitively and effectively within culturally and linguistically diverse communities. Students will be able to explain how their own experiences and cultures influence interactions with multicultural, multilingual patients and community members. Elective activities will highlight capacities and skills necessary to work effectively, respectfully, and ethically within diverse communities through engagement in community-based and on-campus activities.</p>
Additional Preceptors:	Alexandra Leader, MD, MPH; Lydia Sa, MPH; Marta Cox

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 4 weeks credit
Blocks Offered:	All Blocks
Number of Students:	15 students per year
Restrictions/Pre-Requisites:	Must be participant in Medical Spanish CEL track or EVMS Global Health programs
Visiting Students:	No
Night Call:	No

Reporting Instructions: Tutoring schedule arrangements to be made prior to elective. Journal Clubs, Clinical Esperanza session dates, Medical Spanish class schedules, community health fair dates, and Lunch and Learn calendars to be published as start of the elective.

Evaluation: 75% Medical Spanish classroom, Clinica Esperanza, community health fairs, online tutoring, and journal club participation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 25%

Activity Hours Per Week

Direct Patient Care: 4

Didactics: 15

Asynchronous: 4

This longitudinal course accepts 15 students per year.

When requesting this course you should select Block "**Longitudinal**" on the course request form.

Scheduling Contact

Course Coordinator: Alexandra Leader, MD, MPH

Coordinator Email: leaderap@evms.edu

Coordinator Phone: 757-446-7148

Hospital Site Compliance

Non-hospital experience

ITD434L2: HOPES Senior Clinician

Course Director(s): Jessica Quirk, MD

Course Location: HOPES Free Clinic

Course Description: In this course M4 students will participate in The EVMS HOPES Free Clinic as Senior Clinicians. Students will be responsible for guiding M1 and M2 students through patient encounters. M4 students will effectively teach and model appropriate clinical encounters for M1/M2 students during patient visits taking place at EVMS HOPES Free Clinic. Course Calendar Expectations: - M4 students will attend a virtual or on site training session prior to or on the day of their first on site day. - M4 students will be expected to attend 5 HOPES/ESP session (20 hours), 5 street Health sessions (10 hours) and 6 hours on related education modules, ACC clinic sessions, conferences or development projects throughout the year. - All Clinic Dates will be scheduled by students for the entire academic year in advance to accommodate other academic opportunities and ensure adequate clinic staffing. - Only students with the ability to attend all on-site clinic sessions will be eligible to enroll in the course. Clinic Visit Expectations: - M4 student will be assigned to one M1, or M2 student during each clinic session. - Students will arrive to clinic at 5:30PM for pre-clinic meeting and introductions, expected departure time is 9:30pm but is not guaranteed. Significant additional time on site will be counted toward patient care hours requirements. - M4 student will observe, guide, and assist their junior medical student throughout each given patient encounter. - M4 student will model exemplary patient care to the M1 or M2 student. - M4 and M1/M2 student will present clinical case to Attending Physician as a team and complete medical note in the EMR. - M4 will see a minimum of 1 to 3 patients throughout the clinical session. - At conclusion of patient visit M4 student will complete electronic survey (5 minutes). - At conclusion of patient visit M1/M2 student will complete electronic survey (5 minutes).

Learning Objectives:

- I. Professionalism A. Demonstrate an ethical, empathic, sensitive and professional attitude toward patients. B. Respecting the roles and skills of other team members, communicating appropriately and working effectively within the team. C. Recognition when and who to ask for help to solve clinical problems and provide patient with their needed care and resources
- II. Systems Based Practice A. Health Care System Issues: Discuss limitations presented to health care for patient who do not have health insurance B. Service Learning: be part of a value team which allows uninsured patient to receive no cost medical care at times of day that do not interfere with daytime work and responsibilities.
- III. Academic Education A. Describe Strategies for Effective Feedback B. Apply social and emotional learning to the everyday C. Appraise the work of peers and give and receive effective feedback D. Deliver an effective 1:1 learning experience during a patient encounter in an ambulatory clinical setting

Additional Preceptors: None

Course Details

Course Category: Ambulatory, Elective

Course Type:	Clinical
Course Length/Credit:	Longitudinal for 2 weeks credit
Blocks Offered:	All Blocks
Number of Students:	30 students
Restrictions/Pre-Requisites:	Family Medicine or Internal Medicine clerkship
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact course director for location and start time of training.
Evaluation:	Evaluations to be completed at the conclusion of the course by HOPES Medical Director with the assistance of student survey data (Appendices A, B). M4 students will be evaluated ONLY on learning objectives surrounding Academic Education and will NOT be evaluated on clinical knowledge, clinical skills, or any activities surrounding patient presentation to attending physician.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
 Trauma/ICU: 0%
 Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 2-10
 Didactics: 0
 Asynchronous: 0-6

Scheduling Contact

Course Coordinator:	Alex Dornstauder
Coordinator Email:	Dornstaj@evms.edu
Coordinator Phone:	Not listed

Hospital Site Compliance

Sentara, Norfolk General Hospital

ITD439L2: Student Academic Clinician Educator Course

Course Director(s):	A. Brooke Hooper, MD
Course Location:	Eastern Virginia Medical School
Course Description:	<p>The student ACE program is intended to support students who have interest in pursuing a career as an academic clinician educator, including as future resident teachers. The curriculum is based on the Faculty for Tomorrow Task Force Residency as Teacher Curriculum and consists of 6 professional development workshops. Students are required to be accepted in one or more of the following medical education courses as a pre-requisite to participate in this course: a) Chief Student of Clinical Education Course b) Clinical Skills Facilitator Course c) Ultrasound in Clinical Medicine d) HOPES Senior Clinician Workshop Topics 5-6pm: Live Interactive Sessions Offered In-Person and On-line. Sessions will be Recorded. Journal Club Topics and Required Readings for each session topic will be required.</p> <p>1. Orientation: June 20: Introduction and Expectations of Course: Teaching Philosophy and Mission Statement 2. Block 1: July 29: Social and Emotional Learning: The Learning Environment 3. Block 2: August 26: Small Group Facilitation 4. Block 3: September 23: Giving and Receiving Feedback 5. Block 4: October 21: Well-Being in Medical Education 6. Block 5: November 18: ACE Social/Check-In 7. Block 6: No Session 8. Block 7: January 27: Large Group Facilitation 9. Block 8: February 24: Clinical Teaching: Bedside and Procedural 10. Block 9: March 24: Final 15-Minute Teaching Presentations Due</p> <p>Students will receive a Student Academic Clinician Educator certificate after the successful completion of the course requirements.</p>
Learning Objectives:	<p>1. Explain the basic tenets of adult learning theory 2. Describe strategies for delivering effective feedback 3. Apply social and emotional learning to the everyday work of being a teacher 4. Describe techniques for effectively teaching a large or small group 5. Appraise the work of peers and receive feedback 6. Deliver an effective presentation</p>
Additional Preceptors:	Allison Knight, PhD; Amanda Quillin, PhD; Erika Rhone, MD; Joel Clingenpeel, MD; Julie Kerry, PhD; Rupa Kapoor, MD

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 2 weeks credit
Blocks Offered:	July-May
Number of Students:	Unlimited students
Restrictions/Pre-Requisites:	Acceptance & enrollment in medical education course

Visiting Students:	No
Night Call:	No
Reporting Instructions:	Participating students are invited to attend an orientation session in June
Evaluation:	Workshop participation, final presentation, teaching portfolio (teaching philosophy statement, 5 teaching evaluation forms, teaching self-assessment)

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 8
Asynchronous: 10

This longitudinal course accepts Unlimited students.

When requesting this course you should select Block "Longitudinal" on the course request form.

Scheduling Contact

Course Coordinator:	Stephanie Outlaw
Coordinator Email:	OutlawSD@EVMS.EDU
Coordinator Phone:	757-446-8906

Hospital Site Compliance

Non-hospital experience

ITD440L2: Community-Engaged Learning Capstone

Course Director(s):	Julie Stoner, PhD, MPH Maryanne Gathambo, MPH
Course Location:	Eastern Virginia Medical School
Course Description:	The Capstone Project is the culminating learning experience for your community-engaged learning. This course is aimed at providing the skills and knowledge to present your findings with clarity and scholarship. It ends with the Capstone Poster Session during the Transition Into Practice course in spring of your M4 year. The Capstone Project should focus on the population you served through your community-engaged learning. It may also be based in individual or group research if you have been given permission to do this by the Capstone course faculty. The Capstone Project Poster can represent the work of up to six individuals in a single team. Your submission will consist of: 1. Capstone Project Poster 2. Summary Report 3. Reflection Questions
Learning Objectives:	Course Learning Objectives The EVMS Unified Competency Objectives (UCOs) were used to develop the learning objectives. The EVMS UCOs are the governing objectives for the EVMS Medical Doctor Program. Please see the EVMS website for the complete list of UCOs. CEL Capstone Learning Objectives 1. With a team of six or fewer students, develop poster in accordance with Capstone Poster development guidelines that effectively synthesizes the longitudinal service discoveries. 2. Define the population served by the student's service initiative. 3. Objectively describe the entering problem for the service initiative (i.e., any relevant quantitative or qualitative information). [Define metrics] 4. In writing, develop a draft outline project plan (3-pages maximum) for investigating, engaging the community, addressing a recurring health problem, and evaluating effectiveness of the project in the community served by the service project. 5. Identify and define health disparities and inequities within the community-engaged learning served population. 6. Reflect, list, and defend the attributes and professional choices of an effective community-oriented physician.
Additional Preceptors:	None

Course Details

Course Category:	Required
Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 2 weeks credit
Blocks Offered:	July-May
Number of Students:	N/A
Restrictions/Pre-Requisites:	Completion of M3 year

Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Course Director
Evaluation:	Multiple evaluation and feedback mechanisms as detailed in the syllabus including a poster project (75%), summary report (20%) and Blackboard reflections (5%).

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 0
Asynchronous: 36

This longitudinal course accepts N/A.

When requesting this course you should select Block "Longitudinal" on the course request form.

Scheduling Contact

Course Coordinator:	Maryanne Gathambo, MPH
Coordinator Email:	gathammc@evms.edu
Coordinator Phone:	757-446-0317

Hospital Site Compliance

Non-hospital experience

ITD441L4: Ultrasound in Clinical Medicine

Course Director(s): Barry Knapp, MD, RDMS

Course Location: EVMS Ultrasound Classroom and Sentara Norfolk General Hospital

Course Description: The purpose of this course is to longitudinally teach the fundamentals of point-of-care ultrasound (POCUS) for selected students pursuing a career in which an ultrasound skill set would be beneficial. During the year, M4 students will have the opportunity to work with sonography faculty and clinicians proficient in POCUS. The student will become proficient in the core applications of POCUS. The M4 student will serve as an educational resource to assist in teaching other students. Hours Bank: It is expected each student will engage in 140 hours of ultrasound activities during the academic year. All hours must be signed off on and submitted within one week of the activity. A minimum of 40 hours of contact time needs to be completed by Jan. 1 of the academic year. These 40 hours must consist of in-person scanning and do not include asynchronous activities (e.g.-SonoSim or Case Conference). In order to pass the course, all hours must be documented by May 1 of the academic year. Given the hectic and variable nature of the fourth year of medical school (away rotations and residency interviews), the faculty realize that students will not be able to participate in all course educational offerings. Examples of activities that may be logged into the hours bank include, but are not limited to: Facilitating M1/M2 Ultrasound Education Sessions; Attending ultrasound lectures; Attending ultrasound rounds in the emergency department; Completing SonoSIM modules (max 40 hours). An ultrasound case presentation and case conference attendance are required (10 hours); Participating in teaching during the Transition into Clinical Practice (TIPS) course is also required (max 20 hours). All participation will count towards total hours bank time.

Learning Objectives: 1. To learn the fundamental physics and knobology of point-of-care ultrasound. 2. To learn how to apply goal-directed ultrasound across the breadth of pathology. 3. How to specifically apply organized but focused ultrasound at the bedside of a critically ill or injured patient. 4. To learn to properly interpret ultrasound images from the most common applications. 5. To assist in ultrasound education of other med students. Enabling Objectives: 1. Perform a Focused Assessment with Sonography in Trauma (FAST) examination 2. Place a Intravenous Catheter using ultrasound guidance in the simulation laboratory. 3. Perform a right upper quadrant ultrasound. 4. Perform an abdominal focused cardiac ultrasound. 6. Perform an abdominal aortic ultrasound 7. Perform a pelvic ultrasound on a female in early pregnancy. 8. Perform a limited renal ultrasound. 9. Use ultrasound to aid guidance in invasive procedures.

Additional Preceptors: Don Byars, MD, RDMS, RDCS; Delicia Peeples, RDMS; Felicia M. Toreno, PhD, RDMS, RDCS, RVT; Kean Feyzeau, MD, RDMS, RDCS; Matt Jones, MD, MS, RDMS; Suzanne Dickenson, RDMS

Course Details

Course Category: Elective

Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 4 weeks credit
Blocks Offered:	July-May
Number of Students:	30 students per year
Restrictions/Pre-Requisites:	Prospective students must submit an email request to be selected for the Honors Ultrasound Program to the course coordinator (Ashton Pas: PasAN@evms.edu).
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Orientation Date & Location TBD
Evaluation:	Honors, Pass or Fail based directly upon the student's level of engagement, performance of bedside ultrasounds in the clinical space and simulation lab over the course of the year, and successful completion of the optional Honors Ultrasound project.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
 Trauma/ICU: 0%
 Outpatient: 20%

Activity Hours Per Week

Direct Patient Care: 0
 Didactics: 5
 Asynchronous: 5

This longitudinal course accepts 30 students per year.

When requesting this course you should select Block "Longitudinal" on the course request form.

Scheduling Contact

Course Coordinator:	Ashton Pas
Coordinator Email:	PasAN@evms.edu
Coordinator Phone:	757-446-0364

Hospital Site Compliance

Sentara, Norfolk General Hospital

ITD442W4: Clinical Pharmacology and Medication Safety

Course Director(s):	Uzoma Ikonne, PhD William Wightkin, PharmD, RPH, MS
Course Location:	N/A - Virtual
Course Description:	Clinical Pharmacology is a 4-week elective for M4 students and only a maximum of 10 students will be allowed to take the elective. The elective curriculum builds upon the student's previous knowledge of pharmacology, and other disciplines, to facilitate their continuing development as physicians who will prescribe drugs. This course will be useful in developing graduating students for life-long learning and adaptation to the rapid expansion of medical knowledge and drugs used in clinical practice. The course will be delivered virtually.
Learning Objectives:	1. Increase the student's knowledge of the core principles of clinical pharmacology. 2. Enhance the develop of the student's competence to rationally prescribe drugs using appropriate individual patient data. 3. Focus on drug treatment approaches for common clinical presentations and appropriate use of commonly prescribed drug categories. 4. Build competencies in core areas of patient and medication safety. 5. Describe the clinical significance of and apply strategies for integrating best medical evidence into clinical practice. 6. Identify, describe and apply systematic methods relating to continuous evaluation of clinical practice patterns, practice-base improvements, and the reduction of medical errors.
Additional Preceptors:	Uzoma Ikonne, PhD; William Wightkin, PharmD, RPH, MS

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Block 9
Number of Students:	10
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	You will receive an e-mail from the course director

Evaluation: Students will be evaluated using attendance and participation at mandatory sessions, problem sets, quizzes, and a medication safety case report.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 3
Asynchronous: 14

Scheduling Contact

Course Coordinator: Uzoma Ikonne, PhD

Coordinator Email: ikonneus@evms.edu

Coordinator Phone: 757-446-7448

Hospital Site Compliance

Eastern Virginia Medical School

ITD446L2: Chief Student of Clinical Education

Course Director(s):	A. Brooke Hooper, MD
Course Location:	Eastern Virginia Medical School
Course Description:	<p>The Student Clerkship Chief is a longitudinal experience for future leaders in academic medicine for fourth year medical students interested in teaching, mentoring, and advising. Student Clerkship Chiefs will receive training during Student Clerkship Chief Bootcamp in June on leadership, mentorship, accreditation requirements, data analysis, and quality improvement in medical education. Student Clerkship Chiefs will serve as primary near-peer mentors for clerkship students during each clerkship block. Two student clerkship chiefs will be selected for each clerkship and course (Family Medicine, Internal Medicine, Pediatrics, Psychiatry, Surgery, OB-GYN, Career Exploration, Community-Engaged Learning, and Clinical Skills). Additionally two students will be selected with a focus on Well-Being and Learning Environment. Student Clerkship Chief expectations include: participation in Student Chief Bootcamp in June (1/2 day), At least one chief is expected to participate in the orientation for each clerkship or course, a mid-point check-in, and a final feedback session each block (in-person, video-conference, or recorded). The Student Clerkship Chief will work with the course directors and clerkship directors to review student feedback and assist with leading focus groups with students on identified topics. Student Clerkship Chiefs will assist with providing student feedback for outcomes reports. Student Clerkship Chiefs will also be invited to participate in Career Advising panels based on their availability.</p>
Learning Objectives:	<ol style="list-style-type: none">1. Demonstrate an ethical and professional attitude toward patients and their care.2. Function effectively as a member of the health care team, respecting the roles and skills of other team members, communicating appropriately and working effectively within the team.3. Demonstrate a recognition of one's own limitations and a commitment to professional growth.4. Discuss important issues in the health care system beyond the practice site.
Additional Preceptors:	Aaron Mills, DO; Alexa Soult, MD; Allison Knight, PhD; Andy Moore, MD; Bruce Britton, MD; Catherine Derber, MD; David Spiegel, MD; Dionne Palmer, MD; Mary Rubino, MD; Rachel Burke, MD; Renee Morales, MD; Samantha Vergano, MD

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 2 weeks credit
Blocks Offered:	July-May
Number of Students:	20 students

Restrictions/Pre-Requisites:	Application required
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Report to EVMS
Evaluation:	Completion of Student Clerkship Chief Bootcamp. Learner evaluation, clerkship director evaluation, and course director/coordinator evaluation. Student outcomes report.

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 0%	Direct Patient Care: 0
Trauma/ICU: 0%	Didactics: 12
Outpatient: 0%	Asynchronous: 6

This longitudinal course accepts 20 students.

When requesting this course you should select Block "**Longitudinal**" on the course request form.

Scheduling Contact

Course Coordinator:	Stephanie Outlaw
Coordinator Email:	OutlawSD@EVMS.EDU
Coordinator Phone:	757-446-8906

Hospital Site Compliance

Non-hospital experience

ITD998W2: Interdisciplinary Studies Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Urology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Elective

Course Length/Credit: 2 weeks

ITD998W4: Interdisciplinary Studies Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Urology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Elective

Course Length/Credit: 4 weeks

ITD999W2: Interdisciplinary Studies Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Urology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Elective

Course Length/Credit: 2 weeks

ITD999W4: Interdisciplinary Studies Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Urology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Elective

Course Length/Credit: 4 weeks

Internal Medicine

INT404W4: Cardiovascular Medicine

Course Director(s):	Ronald McKechnie, MD
Course Location:	Sentara Virginia Beach General Hospital
Course Description:	A busy consultative service, emphasizing clinical cardiology and decision-making to all areas of non-invasive and invasive cardiac procedures, cardiac transplantation, and electrophysiology.
Learning Objectives:	1. Take a detailed cardiovascular history, perform a good cardiovascular physical examination, order appropriate tests, and correlate these into a logical diagnosis and plan of management. 2. Detect symptoms and physical findings of congestive heart failure, hypertension, ischemic and valvular heart diseases. 3. Recognize and diagnose chamber enlargement, ST-segment abnormalities, arrhythmias, conduction defects and digitalis toxicity on the electrocardiogram. 4. Recognize enlargement of great vessels and heart chambers, and signs of pulmonary venous congestion, interstitial and alveolar edema on chest x-rays. 5. Understand cardiac hemodynamics and be able to correlate these events with cardiac symptoms, physical findings and the electrocardiogram. 6. Understand the basic pharmacology, including indications, contraindications, and dose of common cardiac drugs, including digitalis, antihypertensive, and antiarrhythmic drugs. 7. Know indications for and develop understanding of interpretation of various testing modalities in cardiovascular disease. 8. Know indications and limitations of Cardiac Transplantations.
Additional Preceptors:	David Adler, MD; Deepak Talreja, MD; Ed Miller, MD; James Miller, MD; Prashanth Mopala, MD; Ramin Alimard, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 3, 4, 5, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Please call Lena Seals at 757-507-8909 one week prior to your start date. She will provide the name and pager number of the physician that you will contact your first day.

Evaluation: 95% clinical observation; 5% suggested article discussion at the end of course

Student Efforts

% of Time in Various Settings

Inpatient Care: 90%
Trauma/ICU: 10%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 30-35
Didactics: 1-2
Asynchronous: 3-5

Scheduling Contact

Course Coordinator: Lena Seals
Coordinator Email: lrseals1@sentara.com
Coordinator Phone: 757-507-8909

Hospital Site Compliance

Sentara, Virginia Beach General Hospital

INT407W4: Cardiovascular Medicine

Course Director(s):	Robert C. Bernstein, MD
Course Location:	Sentara Leigh Hospital
Course Description:	A busy consultative service, emphasizing clinical cardiology and decision-making, to all areas of non-invasive cardiac procedures.
Learning Objectives:	Learning Objectives: 1. Take a detailed cardiovascular history, perform a good cardiovascular physical examination, order appropriate tests, and correlate these into a logical diagnosis and plan of management. 2. Detect symptoms and physical findings of congestive heart failure, hypertension, ischemic and valvular heart diseases. 3. Recognize and diagnose chamber enlargement, ST-segment abnormalities, arrhythmias, conduction defects and digitalis toxicity on the electrocardiogram. 4. Recognize enlargement of great vessels and heart chambers, and signs of pulmonary venous congestion, interstitial and alveolar edema on chest x-rays. 5. Understand cardiac hemodynamics and be able to correlate these events with cardiac symptoms, physical findings and the electrocardiogram. 6. Understand the basic pharmacology, including indications, contraindications, and dose of common cardiac drugs, including digitalis, antihypertensive, and antiarrhythmic drugs. 7. Know indications for and develop understanding of interpretation of various testing modalities in cardiovascular disease.
Additional Preceptors:	Alan Banks, MD; Luke Kohan, MD; Partha Manchikalapudi, MD; Prashanth Mopala, MD; Ramanaiah Kakani, MD; Ronald Stine, MD; Sanjay Shah, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 3, 4, 5, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Please call Lena at 757-507-8909 one week prior to your start date. She will provide the name and pager number of the physician that you will contact on your first day.

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 90%
Trauma/ICU: 10%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 30-35
Didactics: 1-2
Asynchronous: 3-5

Scheduling Contact

Course Coordinator: Lena Seals
Coordinator Email: lrseals1@sentara.com
Coordinator Phone: 757-507-8909

Hospital Site Compliance

Sentara, Leigh Hospital

INT417W4: Internal Medicine Acting Internship

Course Director(s):	Saad Mussarat, MD, MBBS
Course Location:	Sentara Norfolk General Hospital
Course Description:	An advanced experience in general internal medicine, with the opportunity to select a subspecialty area. The student will function as an Acting Intern on the medical service.
Learning Objectives:	Intermediate Objectives: 1. To improve and advance the clinical skills. 2. To acquire the ability to reach a differential diagnosis and a relevant problem list at the end of a history and physical exam. 3. To acquire the ability to order relevant investigations. 4. To learn the indicators and complications of invasive procedures in Internal Medicine. 5. To learn the natural history (includes prognosis) of common disease. Enabling Objectives: 1. Perform initial evaluation of the patient requiring admission to the hospital. 2. Develop differential diagnosis and institute management of common internal medicine problems. 3. Ability to interpret laboratory results. 4. Discuss progress and disposition as applied to a patient with a given disease. 5. Able to discuss clinical features on a pathophysiological basis.
Additional Preceptors:	Aaron Mills, DO; Brooke Hooper, MD; James Dixon, MD; Jason Dukes, MD; Jennifer Ryal, MD; Jody King, MD; Mark Flemmer, MD; Mitch Goodman, MD; Sami Tahhan, MD; Thomas Manser, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	5 per block
Restrictions/Pre-Requisites:	During interview season please contact Ms. Ray via email once you are notified of an interview. Please keep in mind that you are only allowed 3 interview days during the rotation.
Visiting Students:	Yes
Night Call:	Yes
Reporting Instructions:	Sentara Norfolk General Hospital, EVMS classroom, 2nd floor (Near GICU), no later than 8AM
Evaluation:	100% clinical observation.

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 0-5%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 48
Didactics: 5
Asynchronous: 0

Scheduling Contact

Course Coordinator: Kaitlyn Ray
Coordinator Email: rayke@evms.edu
Coordinator Phone: 757-446-8425

Hospital Site Compliance

Sentara, Norfolk General Hospital

INT418W4: Internal Medicine Acting Internship

Course Director(s):	Tajamul Hasan, MD
Course Location:	Veteran's Affairs Medical Center, Hampton
Course Description:	The purpose of this rotation is to provide the student an opportunity to function as an Acting Intern on the general medicine wards at the VA Medical Center. The student will admit patients, perform initial history and physical examinations, write all orders, discuss the case with an attending, make daily rounds with the attending physician and other members of the ward team and perform all necessary procedures. Skills to be obtained during this rotation include improved diagnostic techniques through history and physical examination and improved skills in therapy. Since continuity of care is essential to training, absences should be minimized during this elective.
Learning Objectives:	Intermediate Objectives: 1. To improve and advance the clinical skills. 2. To acquire the ability to reach a differential diagnosis and a relevant problem list at the end of a history and physical exam. 3. To acquire the ability to order relevant investigations. 4. To learn the indicators and complications of invasive procedures in Internal Medicine. 5. To learn the natural history (includes prognosis) of common disease. Enabling Objectives: 1. Perform initial evaluation of the patient requiring admission to the hospital. 2. Develop differential diagnosis and institute management of common internal medicine problems. 3. Ability to interpret laboratory results. 4. Discuss progress and disposition as applied to a patient with a given disease. 5. Able to discuss clinical features on a pathophysiological basis.
Additional Preceptors:	Chinenye Ezedike, MD; Dana Covington, MD; Ian Chen, MD; Nahid Rizvi, MD; Naveen Voore, MD; Rachel Paul Jeyadhas, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	During interview season please contact Ms. Ray via email once you are notified of an interview. Please keep in mind that you are only allowed 3 interview days during the rotation.
Visiting Students:	No
Night Call:	Yes

Reporting Instructions: Medical Service Office, Building 135, Room A110, VA Medical Center

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 0-5%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 5
Asynchronous: 0

Scheduling Contact

Course Coordinator: Kaitlyn Ray

Coordinator Email: rayke@evms.edu

Coordinator Phone: 757-446-8425

Hospital Site Compliance

Veteran's Affairs Medical Center, Hampton

INT419W4: Internal Medicine Acting Internship

Course Director(s):	Alex Dummett, MD Julie Chen, MD
Course Location:	Mid-Atlantic Permanente Medical Group at Holy Cross Hospital
Course Description:	An advanced experience in general internal medicine on a inpatient teaching team that consists of a senior resident, two internal medicine interns and the internal medicine board-certified teaching attending. The student will function as an Acting Intern on the inpatient teaching medical service and carry his/her own patients who have a diverse variety of interesting internal medicine conditions. The Acting Internship will provide opportunities for daily teaching rounds, multidisciplinary collaboration, regular didactic sessions through noon conferences and weekly academic half days, hands on point-of-care ultrasound experience, bedside procedures, as well as the opportunity for clinical vignette writing/ scholarship through case reports, all with teaching attending mentorship. The AI will work closely with a close-knit and supportive team of internal medicine residents who are highly motivated to teach. Holy Cross Hospital is a state-of -the-art teaching hospital in Maryland located 30 minutes from Northern Virginia and Washington DC. Learn more about our residency program: https://residency-mas.kp.org/
Learning Objectives:	Intermediate Objectives: 1. To improve and advance the clinical skills. 2. To acquire the ability to reach a differential diagnosis and a relevant problem list at the end of a history and physical exam. 3. To acquire the ability to order relevant investigations. 4. To learn the indicators and complications of invasive procedures in Internal Medicine. 5. To learn the natural history (includes prognosis) of common disease. Enabling Objectives: 1. Perform initial evaluation of the patient requiring admission to the hospital. 2. Develop differential diagnosis and institute management of common internal medicine problems. 3. Ability to interpret laboratory results. 4. Discuss progress and disposition as applied to a patient with a given disease. 5. Able to discuss clinical features on a pathophysiological basis.
Additional Preceptors:	Alex Dummett, MD; Chamil V Jinadasa, MD; Charu X Maheshwary, MD; HassanJ Kidwai, MD; James Shaw, MD; Mohammad Mehmood, MD; Shalini V Kulkarni, MD; Soor Kothari, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 1, 2, 3, 4, 5, 6
Number of Students:	1

Restrictions/Pre-Requisites:	Students must have a strong interest in pursuing an internal medicine residency.
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact course director
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 100%	Direct Patient Care: 50
Trauma/ICU: 0%	Didactics: 10
Outpatient: 0%	Asynchronous: 5

Scheduling Contact

Course Coordinator:	Stephanie Outlaw
Coordinator Email:	OutlawSD@EVMS.EDU
Coordinator Phone:	757-446-8906

Hospital Site Compliance

Kaiser-Permanente

INT420W4: Internal Medicine Acting Internship (NMCP)

Course Director(s): Nathaniel Sherwood, DO

Course Location: Naval Medical Center Portsmouth

Course Description: The purpose of this rotation is to provide the student an opportunity to function as an Acting Intern on the general medicine wards at the Naval Medical Center Portsmouth. The student will admit patients, perform initial history and physical examinations, write orders, discuss the case with an attending, make daily rounds with the attending physician and other members of the ward team and perform all necessary procedures. Skills to be obtained during this rotation include improved diagnostic techniques through history and physical examination and improved skills in therapy. Since continuity of care is essential to training, absences should be minimized during this elective.

Learning Objectives: Intermediate Objectives: 1. To improve and advance the clinical skills. 2. To acquire the ability to reach a differential diagnosis and a relevant problem list at the end of a history and physical exam. 3. To acquire the ability to order relevant investigations. 4. To learn the indicators and complications of invasive procedures in Internal Medicine. 5. To learn the natural history (includes prognosis) of common disease. Enabling Objectives: 1. Perform initial evaluation of the patient requiring admission to the hospital. 2. Develop differential diagnosis and institute management of common internal medicine problems. 3. Ability to interpret laboratory results. 4. Discuss progress and disposition as applied to a patient with a given disease. 5. Able to discuss clinical features on a pathophysiological basis.

Additional Preceptors: Grant Day, MD; Melissa Lee, DO

Course Details

Course Category: Acting Internship, Elective

Course Type: Clinical

Course Length/Credit: 4 weeks

Blocks Offered: All Blocks

Number of Students: 1

Restrictions/Pre-Requisites: Priority given to HPSP students July-October. To request this elective [CLICK HERE](#). Click on "Request for Clerkship/Interview" in the bottom left corner

Visiting Students: No

Night Call: Yes

Reporting Instructions: Graduate Medical Education Office, Bldg. #3, 3rd floor at 8:00 am

Evaluation: 100% Clinical Observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 0-5%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 5
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Outlaw

Coordinator Email: outlawsd@evms.edu

Coordinator Phone: 757-446-8906

Hospital Site Compliance

Naval Medical Center Portsmouth

INT433W4: Clinical Pulmonary Medicine

Course Director(s):	Joshua Sill, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	Students will round on a daily basis with the Pulmonary attending, fellow, and resident. The students will be responsible for maintaining contact with a group of patients on the Pulmonary Consult Service. Students will also be expected to evaluate new consultations in the inpatient and outpatient sphere under the supervision of the pulmonary resident and attending. Students will attend academic conferences to include thoracic multidisciplinary conference, pulmonary case conference, pulmonary didactics, and pulmonary/critical care journal club.
Learning Objectives:	1. Students will become familiar with basic knowledge of pulmonary infections, inflammatory lung disease, pulmonary vascular disease and neoplasms of the lung and pleura. 2. Students will learn the indications, contraindications, and technique of pulmonary function testing, Methacholine Challenge testing, radiographic evaluation and bronchoscopy.
Additional Preceptors:	Allison Wastak, NP; Andrew Githaiga, MD; Anirudh Aron, MD; Anthony Quaranta, MD; Matthew Bernens, MD; Michael Eggert, MD; Sherif El-Mahdy, MD; Timothy Fusiak, MD; Xian Qiao, MD; Zachary Pawlikowski, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Sentara Norfolk General Hospital, Pulmonary Function Lab. Page the on call pulmonary fellow at 475-4754. Contact Ylonda Boatright, (boatright@evms.edu) 446-7439 one week prior to start of rotation to obtain additional objectives and instructions for the rotation.

Evaluation: Clinical observation, participation on rounds, and observations of interactions with patients, families and care team members

Student Efforts

% of Time in Various Settings

Inpatient Care: 90%
Trauma/ICU: 5%
Outpatient: 5%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Ylonda Boatright

Coordinator Email: boatry@evms.edu

Coordinator Phone: 757-446-7439

Hospital Site Compliance

Sentara, Norfolk General Hospital

INT443W4: Digestive and Liver Diseases

Course Director(s):	F. Taylor Wootton, MD
Course Location:	Sentara Leigh Hospital Sentara Norfolk General Hospital
Course Description:	An intensive clinical experience in gastroenterology and hepatology, heavily weighted to inpatient consultation and management of primary, secondary and tertiary level care problems. Cognitive and diagnostic approaches to patients with digestive and liver diseases are emphasized.
Learning Objectives:	<ol style="list-style-type: none">1. To provide a rich and intensive clinical experience in digestive-liver diseases and nutritional support.2. To integrate basic physiology, pathophysiology and clinical medicine at the bedside.3. To emphasize the importance and complementary nature of cognitive and procedural diagnostic testing.4. To become familiar with the basic GI-liver textbooks, journals and their use as aids in clinical problem solving, conference design and writing case reports.
Additional Preceptors:	Alan Tiev, MD; David Johnson, MD; John Smith, MD; Kelvin Hornbuckle, MD; Michael Ryan, MD; Parth Parekh, MD; Syed Ismail Thiwan, MD; Whitney Brooks, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Students should check in at the GI station which is located at the Kaufman Entrance (Main Entrance). It is recommend students wear scrubs.
Evaluation:	85% clinical observation, 15% oral

Student Efforts

% of Time in Various Settings

Inpatient Care: 90%
Trauma/ICU: 10%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 5
Asynchronous: 3

Scheduling Contact

Course Coordinator: Megan Porter
Coordinator Email: megan.porter@capitaldigestivecare.com
Coordinator Phone: W: 757-961-1100 C: 757-572-6772

Hospital Site Compliance

Sentara, Norfolk General Hospital
Sentara, Leigh Hospital

INT452W4: Infectious Disease Consult Service

Course Director(s):	Catherine Derber, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	This elective will provide an introduction to infectious disease. Emphasis will be on the evaluation of patients with a variety of infections on the inpatient wards including endocarditis, meningitis, nosocomial infectious, antibiotic resistance and osteomyelitis. A set of reference materials covering the major aspects of Infectious Disease will be provided to each student. Students must have a pager during this rotation.
Learning Objectives:	1. To become familiar with the signs and symptoms, and differential diagnosis of infectious disease. 2. To become familiar with the services of the microbiology laboratory and the cost effective use of lab tests. 3. To learn the safe, cost effective use of anti-microbial agents.
Additional Preceptors:	Barry Rittman, MD; Christian Weaver, MD; Ronald Flenner, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	During interview season please contact Ms. Ray via email once you are notified of an interview. Please keep in mind that you are only allowed 3 interview days during the rotation.
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Contact two weeks prior to the start of the elective
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 10%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 45
Didactics: 2
Asynchronous: 0

Scheduling Contact

Course Coordinator: Kaitlyn Ray
Coordinator Email: rayke@evms.edu
Coordinator Phone: 757-446-8425

Hospital Site Compliance

Sentara, Norfolk General Hospital

INT468W2: Clinical HIV/AIDS

Course Director(s):	Catherine Derber, MD
Course Location:	EVMS Department of Internal Medicine
Course Description:	This elective includes a comprehensive approach to HIV/AIDS care beginning with initial diagnosis, moving through preventative care, and dealing with end-stage processes and death related issues. There is a strong focus on outpatient experience but hospital care/teaching may be provided at the student's request. Teaching will be on a one-on-one basis for patient care. Reading topics and slide collections will be provided. Students will also be asked to give a short presentation on an HIV-related topic of their choice.
Learning Objectives:	1. To develop clinical expertise in diagnosis and treatment of HIV-related immune compromise and opportunistic infections. 2. To understand and implement preventative measures and health maintenance for HIV-infected individuals. 3. To become familiar with adjunct therapies and psycho-social aspects of HIV care from a physician's standpoint and the patient's.
Additional Preceptors:	Barry Rittman, MD; Christian Weaver, MD; Ronald Flenner, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block (1 per two week rotation)
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact two weeks prior to the start of the elective
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 30
Didactics: 2
Asynchronous: 0

Scheduling Contact

Course Coordinator: Kaitlyn Ray
Coordinator Email: rayke@evms.edu
Coordinator Phone: 757-446-8425

Hospital Site Compliance

Sentara, Norfolk General Hospital

INT472W2: Critical Care Medicine

Course Director(s):	Joshua Sill, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	Fourth-year students involved in the Intensive Care Unit Rotation will be expected to round with the Intensive Care Unit Team. Students will work under the supervision of upper level residents, critical care fellows, and Pulmonary/Critical Care Medicine Faculty. This rotation will allow students to see critically ill patients and gain experience in managing mechanical ventilation, observing procedures and assisting with other interventions such as nutritional support.
Learning Objectives:	1. Students will learn basic knowledge of Intensive Care Medicine including Cardiac and Pulmonary support, indications for enteral and parenteral nutrition, continuous and intermittent dialysis techniques, and appropriate antibiotic use in the Intensive Care Unit. 2. Students will acquire experience in placing arterial and venous catheters, x-ray interpretation, and an understanding of the technique of oral intubation and bronchoscopy.
Additional Preceptors:	Joshua Sill, MD; Matthew Bernens, MD; Xian Qiao, MD; Zachary Pawlikowski, MD

Course Details

Course Category:	Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	4 per two week block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	Yes
Reporting Instructions:	General Intensive Care Unit, 10h Floor River Pavilion, Sentara Norfolk General Hospital. Contact Ylonda Boatright, boatright@evms.edu one week prior to rotation start to obtain additional objectives and instructions for the rotation. Students are asked to review the ICU handbook prior to start of rotation.
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 100%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 50
Didactics: 10
Asynchronous: 0

Scheduling Contact

Course Coordinator: Ylonda Boatright
Coordinator Email: boatry@evms.edu
Coordinator Phone: 757-446-7439

Hospital Site Compliance

Sentara, Norfolk General Hospital

INT476W2: Clinical Endocrinology

Course Director(s):	David Lieb, MD
Course Location:	Strelitz Diabetes Center Sentara Norfolk General Hospital Sentara Heart Hospital
Course Description:	<p>The endocrine elective will expose the student to a comprehensive spectrum of endocrine conditions. The student will see a broad range of endocrine diseases, including type 1 and type 2 diabetes and their complications, thyroid disorders, conditions affecting both male and female reproduction, obesity, adrenal and pituitary gland disease, neuroendocrine tumors and their associated syndromes, and conditions involving bone and calcium metabolism. Students will be involved in both initial patient visits in the clinic and in follow-up visits. They will also participate as a member of the endocrine consult service for a portion of the elective, and will write and present patient notes for the consult attending to review. Students are encouraged to attend a variety of endocrine-focused conferences during their elective time, including endocrine grand rounds, the endocrine core lecture series, journal club and endocrine case conference.</p>
Learning Objectives:	<ol style="list-style-type: none">1. Perform the initial assessment including history and clinical presentation and development of differential assessments of patients referred for concerns of endocrine disease2. Know common physical exam findings associated with common endocrine conditions3. Know the appropriate review of systems for endocrine disease4. Learn the diagnostic approach and common clinical tests for frequently seen conditions in outpatient endocrinology5. Understand the diagnostic workup and follow-up of patients with more complex inpatient endocrine disease6. Understand the role of a consultant
Additional Preceptors:	Aaron Nelson, MD; Chinelo Okigbo, MD; Elias Siraj, MD; Manasi Shah, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1-2 per block (rotation length dependent)
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Please contact Natalie Gray for details (757) 446-5910 or graynr@evms.edu.

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 50%
Trauma/ICU: 0%
Outpatient: 50%

Activity Hours Per Week

Direct Patient Care: 28
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Natalie Gray

Coordinator Email: graynr@evms.edu

Coordinator Phone: 757-446-5910

Hospital Site Compliance

Sentara, Norfolk General Hospital
Sentara, Heart Hospital

INT476W4: Clinical Endocrinology

Course Director(s):	David Lieb, MD
Course Location:	Strelitz Diabetes Center Sentara Norfolk General Hospital Sentara Heart Hospital
Course Description:	The endocrine elective will expose the student to a comprehensive spectrum of endocrine conditions. The student will see a broad range of endocrine diseases, including type 1 and type 2 diabetes and their complications, thyroid disorders, conditions affecting both male and female reproduction, obesity, adrenal and pituitary gland disease, neuroendocrine tumors and their associated syndromes, and conditions involving bone and calcium metabolism. Students will be involved in both initial patient visits in the clinic and in follow-up visits. They will also participate as a member of the endocrine consult service for a portion of the elective, and will write and present patient notes for the consult attending to review. Students are encouraged to attend a variety of endocrine-focused conferences during their elective time, including endocrine grand rounds, the endocrine core lecture series, journal club and endocrine case conference.
Learning Objectives:	1. Perform the initial assessment including history and clinical presentation and development of differential assessments of patients referred for concerns of endocrine disease 2. Know common physical exam findings associated with common endocrine conditions 3. Know the appropriate review of systems for endocrine disease 4. Learn the diagnostic approach and common clinical tests for frequently seen conditions in outpatient endocrinology 5. Understand the diagnostic workup and follow-up of patients with more complex inpatient endocrine disease 6. Understand the role of a consultant
Additional Preceptors:	Aaron Nelson, MD; Chinelo Okigbo, MD; Elias Siraj, MD; Manasi Shah, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Please contact Natalie Gray for details (757) 446-5910 or graynr@evms.edu.

Evaluation: 100% clinical evaluation

Student Efforts

% of Time in Various Settings

Inpatient Care: 50%
Trauma/ICU: 0%
Outpatient: 50%

Activity Hours Per Week

Direct Patient Care: 28
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Natalie Gray
Coordinator Email: Coordinator Phone
Coordinator Phone: 757-446-5910

Hospital Site Compliance

Sentara, Norfolk General Hospital
Sentara, Heart Hospital

INT478W2: Clinical Nephrology

Course Director(s):	Thomas McCune, MD, FACP
Course Location:	Nephrology Associates of Tidewater Sentara Norfolk General
Course Description:	The student will make clinical rounds on patients on the inpatient EVMS Renal and Nephrology Assoc. Consult Service. The M4 student will also be given selected lectures and will be given the opportunity for presenting a clinical topic or journal article at one of our division renal conferences.
Learning Objectives:	Intermediate Objectives: 1. To learn the pathophysiology of acute renal failure in the hospitalized patient with renal disease. 2. To learn the management of acute and chronic renal failure in the hospitalized patient. 3. To learn the evaluation of acid-base, fluid and electrolyte imbalance and their management. 4. To understand the rationale for the choices of different forms of treatment in acute renal failure and end-stage renal disease. 5. To learn the management of hypertension in the hospitalized patient. 6. Students will have experience with inpatient and outpatient care of kidney and pancreas transplantation. By the end of the elective the student should be able to: 1. Assess renal function in patients and plan a rational investigative course using both non-invasive and invasive techniques to determine the cause and extent of disease. 2. To formulate a plan for the short and long term management of the hospitalized renal patient. 3. Understand the evaluation of an acid-base issue. 4. Understand the evaluation of common electrolyte abnormalities.
Additional Preceptors:	Harlan Rust, MD; Suresh Rijhwani, MD; Varun Malhotra, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1-2 per block (rotation length dependent)
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Unless notified, you will report to the Transplant Clinic at 8am. Please contact Chrisandra Knight: knightcs@evms.edu with any questions.

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 30%
Trauma/ICU: 30%
Outpatient: 40%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 3
Asynchronous: 0

Scheduling Contact

Course Coordinator: Mirna Valenzuela

Coordinator Email: <mailto:ValenzMM@EVMS.EDU>

Coordinator Phone: 757-446-0375

Hospital Site Compliance

Sentara, Norfolk General Hospital

INT478W4: Clinical Nephrology

Course Director(s):	Thomas McCune, MD, FACP
Course Location:	Nephrology Associates of Tidewater Sentara Norfolk General
Course Description:	The student will make clinical rounds on patients on the inpatient EVMS Renal and Nephrology Assoc. Consult Service. The M4 student will also be given selected lectures and will be given the opportunity for presenting a clinical topic or journal article at one of our division renal conferences.
Learning Objectives:	Intermediate Objectives: 1. To learn the pathophysiology of acute renal failure in the hospitalized patient with renal disease. 2. To learn the management of acute and chronic renal failure in the hospitalized patient. 3. To learn the evaluation of acid-base, fluid and electrolyte imbalance and their management. 4. To understand the rationale for the choices of different forms of treatment in acute renal failure and end-stage renal disease. 5. To learn the management of hypertension in the hospitalized patient. 6. Students will have experience with inpatient and outpatient care of kidney and pancreas transplantation. By the end of the elective the student should be able to: 1. Assess renal function in patients and plan a rational investigative course using both non-invasive and invasive techniques to determine the cause and extent of disease. 2. To formulate a plan for the short and long term management of the hospitalized renal patient. 3. Understand the evaluation of an acid-base issue. 4. Understand the evaluation of common electrolyte abnormalities.
Additional Preceptors:	Harlan Rust, MD; Suresh Rijhwani, MD; Varun Malhotra, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Unless notified, you will report to the Transplant Clinic at 8am. Please contact Chrisandra Knight: knightcs@evms.edu with any questions.

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 30%
Trauma/ICU: 30%
Outpatient: 40%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 3
Asynchronous: 0

Scheduling Contact

Course Coordinator: Mirna Valenzuela

Coordinator Email: <mailto:ValenzMM@EVMS.EDU>

Coordinator Phone: 757-446-0375

Hospital Site Compliance

Sentara, Norfolk General Hospital

INT479W4: Internal Medicine

Course Director(s):	Mahvash Mujahid, MD
Course Location:	Fair Oaks Medical Center 12255 Fair Lakes Parkway Fairfax, VA 22033
Course Description:	Through direct observation and practicing medicine under the supervision of Internal Medicine preceptors, the student will develop an accurate understanding of internal medicine as a discipline and potential career choice.
Learning Objectives:	At the end of the elective, the medical student should be able to: 1. Evaluate how internal medicine and its subspecialties can be applied in a practical setting. 2. Execute an appropriate, accurate and systematic history. 3. Demonstrate appropriate communication and psychosocial skills. 4. Demonstrate ability to skillfully perform physical examination appropriate to patient's history. 5. Develop differential diagnosis and institute management of common internal medicine problems. 6. Perform initial evaluation of the patient requiring admission to the hospital. 7. Interpret laboratory results, simple X-rays, ECG and demonstrate knowledge of basic prescriptions appropriate for treatment. 8. Discuss progress and disposition as applied to a patient with a given disease. 9. Formulate oral presentations and medical write-ups that are complete, accurate and organized.
Additional Preceptors:	Andaleeb Rahman, MD; Kusuma Nanduri, MBBS; Leena Kosandal, MD; Mahvash Mujahid, MD; Saurabh Gambhir, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 5, 6, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Fair Oaks Medical Center, 12255 Fair Lakes Pkwy, Fairfax, VA 22033. Please email one week beforehand.
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Jonathan Holland
Coordinator Email: jonathan.m.holland@kp.org
Coordinator Phone: 301-816-5672

Hospital Site Compliance

Kaiser-Permanente

INT480W4: Internal Medicine - Cardiology

Course Director(s):	Jason Rashkin, MD
Course Location:	Tysons Corner Medical Center 8008 Westpark Drive, McLean VA 22102
Course Description:	Through direct observation and practicing medicine under the supervision of Cardiology preceptor, the student will develop an accurate understanding of cardiology and cardiac electrophysiology, as a discipline and potential career choice.
Learning Objectives:	At the end of the elective, the medical student should be able to: 1. Take a detailed cardiovascular history, perform a good cardiovascular physical examination, order appropriate tests, and correlate these into a logical diagnosis and plan of management. 2. Detect symptoms and physical findings of congestive heart failure, hypertension, ischemic valvular heart diseases. 3. Understand the theory and interpretation of EKG scalar electrocardiography. 4. Recognize mitral valvular abnormalities, chamber enlargement, and ventricular overload on the echocardiogram. 5. Understand cardiac hemodynamics and be able to correlate these events with cardiac symptoms, physical findings and the electrocardiogram. 6. Understand the basic pharmacology, including indications, contraindications, and dose of common cardiac drugs, including digitalis, antihypertensive, and antiarrhythmic drugs. 7. Recognize and diagnose chamber enlargement, ST-segment abnormalities, arrhythmias, conduction defects and digitalis toxicity on the electrocardiogram. 8. Recognize common problems encountered in patients with permanent pacemakers. 9. Have an understanding of problems involved in ambulatory monitoring.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 1, 4, 5, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Tysons Corner Medical Center, 8008 Westpark Drive, McLean VA 22102 Please email beforehand for instructions

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 30%

Trauma/ICU: 0%

Outpatient: 70%

Activity Hours Per Week

Direct Patient Care: 40

Didactics: 0

Asynchronous: 0

Scheduling Contact

Course Coordinator: Jonathan Holland

Coordinator Email: jonathan.m.holland@kp.org

Coordinator Phone: 301-816-5672

Hospital Site Compliance

Kaiser-Permanente

INT481W4: Internal Medicine

Course Director(s):	Jason Singh, MD
Course Location:	Manassas Medical Center 10701 Rosemary Drive Manassas, VA 20109
Course Description:	Through direct observation and practicing medicine under the supervision of Internal Medicine preceptors, the student will develop an accurate understanding of internal medicine as a discipline and potential career choice.
Learning Objectives:	At the end of the elective, the medical student should be able to: 1. Evaluate how internal medicine and its subspecialties can be applied in a practical setting. 2. Execute an appropriate, accurate and systematic history. 3. Demonstrate appropriate communication and psychosocial skills. 4. Demonstrate ability to skillfully perform physical examination appropriate to patient's history. 5. Develop differential diagnosis and institute management of common internal medicine problems. 6. Perform initial evaluation of the patient requiring admission to the hospital. 7. Interpret laboratory results, simple X-rays, ECG and demonstrate knowledge of basic prescriptions appropriate for treatment. 8. Discuss progress and disposition as applied to a patient with a given disease. 9. Formulate oral presentations and medical write-ups that are complete, accurate and organized.
Additional Preceptors:	Avtar Chana, MD; Jason Singh, MD; Priya Mathur, MD; Seraphine Soosaimanickam, MBBS

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Block 4, 6, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	10701 Rosemary Drive, Manassas, VA 20109 Please email before hand for details.
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 40

Didactics: 0

Asynchronous: 0

Scheduling Contact

Course Coordinator: Jonathan Holland

Coordinator Email: jonathan.m.holland@kp.org

Coordinator Phone: 301-816-5672

Hospital Site Compliance

Kaiser-Permanente

INT482W4: Internal Medicine

Course Director(s):	Jonas Wiltz, MD
Course Location:	Falls Church Medical Center 201 N. Washington St Falls Church, VA 22046
Course Description:	Through direct observation and practicing medicine under the supervision of Internal Medicine preceptors, the student will develop an accurate understanding of internal medicine as a discipline and potential career choice.
Learning Objectives:	At the end of the elective, the medical student should be able to: 1. Evaluate how internal medicine and its subspecialties can be applied in a practical setting. 2. Execute an appropriate, accurate and systematic history. 3. Demonstrate appropriate communication and psychosocial skills. 4. Demonstrate ability to skillfully perform physical examination appropriate to patient's history. 5. Develop differential diagnosis and institute management of common internal medicine problems. 6. Perform initial evaluation of the patient requiring admission to the hospital. 7. Interpret laboratory results, simple X-rays, ECG and demonstrate knowledge of basic prescriptions appropriate for treatment. 8. Discuss progress and disposition as applied to a patient with a given disease. 9. Formulate oral presentations and medical write-ups that are complete, accurate and organized.
Additional Preceptors:	Ayse Turgut, MD; Cassandra Sims, MD; Donna Lee, MD; Merrell Sami, MD; Vu Nguyen, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Falls Church Medical Center, 201 N. Washington St, Falls Church, VA 22046. Please email beforehand for details.
Evaluation:	100% Clinical Observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 40

Didactics: 0

Asynchronous: 0

Scheduling Contact

Course Coordinator: Jonathan Holland

Coordinator Email: jonathan.m.holland@kp.org

Coordinator Phone: 301-816-5672

Hospital Site Compliance

Kaiser-Permanente

INT487W2: Sleep Medicine

Course Director(s):	Ignacio Ripoll, MD FACP, FACCP
Course Location:	Sleep Specialists of Tidewater 6025 Providence Road Virginia Beach, VA
Course Description:	The course will expose students to diagnostic work-ups and treatment of patients presenting with pulmonary, obesity, and or sleep disorders. During the two-week elective, students will participate in the work-up and treatment of patients presenting with a variety of pulmonary and sleep disorders; many of those patients also suffer from obesity and related diseases. Students will review pulmonary function tests, chest X-Rays and CAT scans, polysomnographic records, multiple sleep Latency Tests, laboratory work, and will be present during the patient visit and allow to interact with the patient, family and physician; and assist in the formulation of a diagnosis and treatment plan.
Learning Objectives:	1. To become knowledgeable concerning the pathophysiology, and differential diagnosis of patients presenting with pulmonary, sleep disorders and obesity. 2. To become familiar with the technical procedures of a diagnostic polysomnogram and pulmonary function testing. 3. To develop skill in the art of patient/physician interactions, differential diagnosis, evaluation, and treatment. 4. To become familiar with pharmacological, surgical, dental, medical and behavioral treatments of the medical disorders mentioned above.
Additional Preceptors:	None

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per two week block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Course Director
Evaluation:	Direct observation, interactions with patient, physician, and office/laboratory staff

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 25

Didactics: 5

Asynchronous: 0

Scheduling Contact

Course Coordinator: Sarah Osattin

Coordinator Email: osattin@bayviewphysicians.com

Coordinator Phone:

Hospital Site Compliance

Bayview Physicians

INT491W4: Critical Care Medicine

Course Director(s):	Aileen Tiro, DO
Course Location:	Sentara Leigh Hospital
Course Description:	Fourth-year student involved in the Intensive Care Unit rotation will be expected to round with the Intensive Care Unit Team. Students will work under the supervision of Pulmonary/Critical Care Medicine Faculty. This rotation will allow students to see critically ill patients and gain experience in managing mechanical ventilation, interventions- such as vasopressors, nutritional support, and sedation. Students will participate in one weekend of rounding call during the rotation.
Learning Objectives:	1. Learn basic knowledge of Intensive Care Medicine including cardiac and pulmonary support 2. Know the indications for enteral and parenteral nutrition 3. Understand intermittent dialysis techniques 4. Prescribe appropriate antibiotics for critically ill patients 5. Place arterial and venous catheters 6. Interpret chest x-rays 7. Understand the technique of oral intubation and bronchoscopy By the end of the critical care rotation, the learners will be able to demonstrate the ability to: 1. Recognize a patient requiring urgent or emergent care and initiate evaluation and management 2. Develop a thorough, systematic approach to the rapid recognition, evaluation, treatment, and disposition of the critically ill or injured patient. 3. Collaborate as a member of an interprofessional team 4. Give or receive a patient handover to transition care responsibility 5. Obtain informed consent for tests and/or procedures 6. Perform general procedures of a physician
Additional Preceptors:	Arpana Mahalingashetty, MD; Joseph Gresens, MD; Mary Baker, MD; Niall Crowley, MD

Course Details

Course Category:	Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 4, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Open to students pursuing categorical Internal Medicine residency only.
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Ylonda Boatright 2 weeks prior to start of course

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 100%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 50+
Didactics: 1-3
Asynchronous: 0

Scheduling Contact

Course Coordinator: Ylonda Boatright

Coordinator Email: boatriy@evms.edu

Coordinator Phone: 757-446-7439

Hospital Site Compliance

Sentara, Leigh Hospital

INT493W4: Internal Medicine at KP Gaithersburg

Course Director(s):	Julie Chen, MD
Course Location:	Gaithersburg Medical Center 655 Watkins Mill Rd Gaithersburg, MD
Course Description:	Through direct observation and practicing medicine under the supervision of Internal Medicine preceptors, the student will develop an accurate understanding of internal medicine as a discipline and potential career choice. Students will have the opportunity to work with Kaiser Permanente Internal Medicine program faculty and residents.
Learning Objectives:	At the end of the elective, the medical student should be able to: 1. Gather the information necessary for care of a patient in a manner which is patient-centered, efficient and effective. 2. Formulate an appropriate assessment and develop an appropriate management plan for each patient. 3. Perform specified common procedures, demonstrating a knowledge of the indications, risks and benefits of the procedures in explanations to patients while appropriately obtaining informed consent. 4. Recognize when a patient is in a specific at-risk group and provide appropriate treatment and preventive measures. 5. Recognize patient safety issues and describe measures for preventing errors that may harm patients. 6. Demonstrate an understanding of the basic and clinical sciences necessary for medical practice. 7. Use information systems to optimize care delivery and improve outcomes. 8. For a given medical problem use evidence-based medicine principles to select the best diagnostic and therapeutic plans. 9. Demonstrate effective interpersonal and communication skills with patients and their families. 10. Present to other health care providers a concise, orderly and coherent oral and written communication of the patient's unique clinical presentation in a manner appropriate to the clinical context. 11. Demonstrate an ethical and professional attitude toward patients and their care. 12. Function effectively as a member of the health care team, respecting the roles and skills of other team members. 13. Communicating appropriately and working effectively within the team. 13. Demonstrate a recognition of one's own limitations and a commitment to professional growth.
Additional Preceptors:	Alex Dummett, MD; Elisabeth Kramer, MD; Isaac Sun, MD; Kathleen Anderson, MD

Course Details

Course Category:	Acting Internship, Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 4, 5, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None

Visiting Students: No

Night Call: No

Reporting Instructions: Gaithersburg Medical Center, 655 Watkins Mill Rd, Gaithersburg, MD 20879.
Please email beforehand for details.

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Jonathan Holland

Coordinator Email: jonathan.m.holland@kp.org

Coordinator Phone: 301-816-5672

Hospital Site Compliance

Kaiser-Permanente

INT494L2: Virtual Adult Critical Care

Course Director(s):	A. Brooke Hooper, MD
Course Location:	Virtual
Course Description:	Designed to prepare students to better participate in their intensive care unit (ICU) rounds. This virtual course features professionally narrated modules with clear learning objectives, engaging case studies, interactive questions, and a list of additional resources for further exploration. An extensive topic selection is covered with lectures developed by content experts on each subject. There are two components to this course: 1. Online Modules 2. Skills-Based Sessions Students will need to successfully complete both components of the course. The skills-based sessions will be available as sessions during the TIPS: Residency weeks in Block 10.
Learning Objectives:	Upon completion of the course, participants should be able to: 1. Recognize emergent conditions and describe appropriate interventions 2. Analyze case scenarios and explain treatment options 3. Recommend treatment strategies for critically ill patients based on medical history, physical examination, and diagnostic data
Additional Preceptors:	None

Course Details

Course Category:	Critical Care, Elective
Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 2 weeks credit
Blocks Offered:	All Blocks
Number of Students:	Unlimited students
Restrictions/Pre-Requisites:	Students may enroll in this course at any time prior to December 16.
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact course contact for more information and log-in information. www.mysccm.org
Evaluation:	Successful completion of the virtual course and skills-based sessions

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 5
Asynchronous: 20-30

Scheduling Contact

Course Coordinator: Stephanie Outlaw
Coordinator Email: OutlawSD@EVMS.EDU
Coordinator Phone: 757-446-8906

Hospital Site Compliance

Non-hospital experience

INT998W2: Internal Medicine Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Internal Medicine elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

INT998W4: Internal Medicine Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Internal Medicine elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

INT999W2: Internal Medicine Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Internal Medicine elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

INT999W4: Internal Medicine Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Internal Medicine elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Neurology

NEU404W4: Clinical Adult Neurology

Course Director(s):	Daniel Cohen, MD
Course Location:	Sentara, all regional locations Regional clinics with community partners
Course Description:	Clinical neurology in the outpatient and inpatient settings in cooperating hospitals. The students will evaluate and follow neurology consultations in the hospital and assist in the neurology clinic. Specific reviews of various neurological illnesses will be made. Opportunities exist for observation in diagnostic laboratories (e.g. Epilepsy Monitoring Unit, Autonomic Lab, EMG Lab, etc.)
Learning Objectives:	The primary goal will be to acquire competence in the performance of the neurological examination, i.e., assessment of mental status, cranial nerves, coordination/station/gait, motor system, reflexes, and sensation. A secondary objective will be to obtain exposure to common neurological conditions such as headache, cerebrovascular disease, seizure disorders, dementia, coma, demyelinating disease, extrapyramidal disease, and peripheral neuropathy.
Additional Preceptors:	Amelito Malapira, MD; Andrew Galbreath, DO; Bruno Maton, MD; Karen Thomas, DO; Michelle Betz, DO; Pamela Whiting Evans, MD; Philip Davenport, MD; Robert Lanoue, MD; Soham Sheth, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 1, 2, 3, 4
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Pursuing residency in Neurology or Neurosurgery
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Email Dr. Cohen to arrange
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0-25%

Trauma/ICU: 0%

Outpatient: 75-100%

Activity Hours Per Week

Direct Patient Care: 20-40

Didactics: 0

Asynchronous: 0-20

Scheduling Contact

Course Coordinator: Daniel Cohen, MD

Coordinator Email: cohend@evms.edu

Coordinator Phone: 757-252-9015

Hospital Site Compliance

Sentara, Norfolk General Hospital

Sentara, Virginia Beach General Hospital

Sentara, Princess Anne Hospital

Sentara, Obici Hospital

Sentara, Leigh Hospital

NEU410W4: Neurology

Course Director(s):	Ugur Yilmaz Anatolian, MD
Course Location:	TPMG Neurology 12720 McManus Blvd Ste 101 Newport News VA 23602
Course Description:	Clinical neurology in the outpatient and inpatient settings in cooperating hospitals. The students will evaluate and follow neurology consultations in the hospital and assist in the neurology clinic. Specific reviews of various neurological illnesses will be made. Opportunities exist for observation in diagnostic laboratories (e.g. EEG, EMG Lab, etc.)
Learning Objectives:	The primary goal will be to acquire competence in the performance of the neurological examination, i.e., assessment of mental status, cranial nerves, coordination/station/gait, motor system, reflexes, and sensation. A secondary objective will be to obtain exposure to common neurological conditions such as headache, cerebrovascular disease, seizure disorders, dementia, coma, demyelinating disease, extrapyramidal disease, and peripheral neuropathy.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Course Director
Evaluation:	100% Clinical Observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 10%
Trauma/ICU: 0%
Outpatient: 90%

Activity Hours Per Week

Direct Patient Care: 20
Didactics: 2
Asynchronous: 10

Scheduling Contact

Course Coordinator: Ugur Yilmaz Anatolian, MD

Coordinator Email: ugur.yilmaz@tpmgpc.com

Coordinator Phone: 757-872-9797

Hospital Site Compliance

TPMG

NEU998W2: Neurology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Neurology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

NEU998W4: Neurology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Neurology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

NEU999W2: Neurology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Neurology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

NEU999W4: Neurology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Neurology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Neurosurgery

NRS998W2: Neurosurgery Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Neurosurgery elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

NRS998W4: Neurosurgery Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Neurosurgery elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

NRS999W2: Neurosurgery Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Neurosurgery elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

NRS999W4: Neurosurgery Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Neurosurgery elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Obstetrics & Gynecology

OBG400W4: Advanced Clerkship in Clinical Obstetrics and Gynecology

Course Director(s):	Stacy K Slat, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	<p>This acting internship will give students the opportunity for direct inpatient management of patients at Sentara Norfolk General Obstetric Unit, primarily on Labor and Delivery. The faculty will be pleased to attempt to tailor a program to the student's particular interest, including the opportunity for outpatient clinics as desired. Students will be expected to take 2 overnight call shifts during the four-week rotation at Sentara Norfolk General Labor and Delivery. Labor and Delivery Acting Intern Schedule* Monday: 5:30am – 5:30pm Labor and Delivery Tuesday: 5:30am – 5:30pm Labor and Delivery Wednesday: 5:30am – 5:30pm Labor and Delivery Thursday: 5:30am – 8:00am Labor and Delivery 8:00am – 12:00pm Didactics 12:00pm – 5:30pm Labor and Delivery Friday: 5:30am – 5:30pm Labor and Delivery</p> <p>*Schedule may be altered by overnight call shifts In the last week of the rotation, the student will be expected to sit down with the course director for an oral exam.</p>
Learning Objectives:	<p>1. To increase and reinforce the basic core knowledge of Obstetrics. 2. To increase skills in clinical evaluation and management. 3. To increase technical skills in Obstetrics and Gynecology, such as pelvic exam and obstetric ultrasound.</p>
Additional Preceptors:	Alfred Abuhamad, MD; Andy Moore, MD; Camille Kanaan, MD; Elizabeth Seagraves, DO; Juliana Martins, MD; Lea Porche, MD; Malgorzata Mlynarczyk, MD; Margarita de Veciana, MD; Ray Abinadar, MD; Renee Morales, MD; Stephen Davis, MD; Steve Warsof, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	Yes
Reporting Instructions:	SNGH L&D, per instructions of Chief Resident

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 53
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Tara Willet
Coordinator Email: willettp@evms.edu
Coordinator Phone: 757-446-7902

Hospital Site Compliance

Sentara, Norfolk General Hospital

OBG402W4: High Risk Obstetrics Advanced Clerkship

Course Director(s):	Stacy K Slat, MD
Course Location:	Hofheimer Hall. EVMS Sentara Norfolk General Hospital
Course Description:	<p>The student will participate in the care of the high risk obstetrical patients, working directly with the faculty members of the Division of Maternal-Fetal Medicine and the residents on the Academic Obstetrics Service at Sentara Norfolk General Hospital. The rotation emphasizes inpatient care, but students will also participate in outpatient high-risk obstetric clinic for one half day per week. At the completion of the elective, the student should have an understanding of the approach to the clinical approach to common high-risk obstetric complications. Students will be expected to take 2 overnight call shifts during the four week rotation at SNGH Labor and Delivery. Labor and Delivery Acting Intern Schedule* Monday: 5:30am – 5:30pm Antepartum/Labor and Delivery Tuesday: 5:30am – 5:30pm Antepartum/Labor and Delivery Wednesday: 5:30am – 5:30pm Antepartum/Labor and Delivery Thursday: 5:30am – 8:00am Antepartum/Labor and Delivery 8:00am – 12:00pm Didactics 12:00pm – 5:30pm Antepartum/Labor and Delivery Friday: 5:30am – 5:30pm Antepartum/Labor and Delivery</p> <p>*Schedule may be altered by overnight call shifts In the last week of the rotation, the student will be expected to sit down with the course director for an oral exam.</p>
Learning Objectives:	<ol style="list-style-type: none">1. To become familiar with the clinical presentation, evaluation, diagnosis, and management of common complications of pregnancy, such as (but not limited to): a) pre-term labor b) premature rupture of membranes c) hypertensive disease d) diabetes in pregnancy3. To increase skills in clinical evaluation and management.4. To increase technical skills in Obstetrics and Gynecology, such as pelvic exam and obstetric ultrasound.
Additional Preceptors:	Alfred Abuhamad, MD; Camille Kanaan, MD; Elizabeth Seagraves, DO; Juliana Martins, MD; Lea Porche, MD; Malgorzata Mlynarczyk, MD; Margarita de Veciana, MD; Ray Abinadar, MD; Steve Warsof, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes

Night Call: Yes

Reporting Instructions: EVMS Maternal-Fetal Medicine Office at Hofheimer Hall, third floor 8:00 am

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 90%
Trauma/ICU: 0%
Outpatient: 10%

Activity Hours Per Week

Direct Patient Care: 55
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Tara Willett

Coordinator Email: willettp@evms.edu

Coordinator Phone: 757-446-7902

Hospital Site Compliance

Sentara, Norfolk General Hospital

OBG407W4: Benign Gynecology

Course Director(s):	Andrew Moore, MD
Course Location:	Hofheimer Hall, EVMS Sentara, Norfolk General Hospital Sentara, Leigh Hospital Sentara, Princess Anne Hospital
Course Description:	The purpose of this elective is to provide the students with further experience in inpatient and outpatient benign gynecology. The student will function as a “sub-intern” in the diagnosis, evaluation and treatment of women with various gynecologic problems. It will include both inpatient and outpatient experiences, with participation in clinics, gynecologic surgeries, and on-going inpatient care.
Learning Objectives:	1. To increase knowledge and experience in the differential diagnosis and management of benign gynecologic diseases. 2. To gain practical experience with pelvic examination and other GYN office procedures. 3. To gain experience with other modalities of outpatient and inpatient evaluation of common gynecologic problems. 4. To learn the indications for gynecologic surgical procedures.
Additional Preceptors:	Renee Morales, MD; Stephen Davis, MD; Thomas Kimble, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Meeting time and place will be determined by the Chief Resident, Administrative Assistant and Clerkship Coordinator
Evaluation:	75% clinical observation, 25% written and oral presentation

Student Efforts

% of Time in Various Settings

Inpatient Care: 30%

Trauma/ICU: 0%

Outpatient: 70%

Activity Hours Per Week

Direct Patient Care: 60

Didactics: 0

Asynchronous: 0

Scheduling Contact

Course Coordinator: Tara Willett

Coordinator Email: willettp@evms.edu

Coordinator Phone: 757-446-7902

Hospital Site Compliance

Sentara, Norfolk General Hospital

Sentara, Princess Anne Hospital

Sentara, Leigh Hospital

OBG411W4: Urogynecology

Course Director(s):	Peter Takacs, MD Kindra Larson, MD
Course Location:	EVMS Sentara Princess Anne Office and OR
Course Description:	Experience in urogynecology in an office and hospital setting. Hands on experience in the operating room in a supervised setting. Management of outpatient urodynamic testing and other evaluations pertinent to the patient with urinary incontinence.
Learning Objectives:	1. Basic knowledge in the diagnosis and treatment of female incontinence and related issues. 2. Basic knowledge in operative techniques including cystoscopy. 3. Improve ability to perform pelvic exams in an office setting. 4. Basic knowledge of urodynamic testing.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 3, 4, 6, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Princess Anne Office (8:00 am)
Evaluation:	35% oral exam/case presentation; 65% clinical observation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 30%	Direct Patient Care: 30
Trauma/ICU: 0%	Didactics: 4
Outpatient: 70%	Asynchronous: 0

Scheduling Contact

Course Coordinator: Tara Willett
Coordinator Email: willettp@evms.edu
Coordinator Phone: 757-446-7902

Hospital Site Compliance

Sentara, Princess Anne Hospital

OBG415W4: Advanced Education/Research Elective

Course Director(s):	Andrew Moore, MD
Course Location:	Hofheimer Hall, EVMS
Course Description:	The student will participate in educational and/or clinical research under the direction of Dr. Moore and the appointed clinical research supervisors, and will be required to submit clear research objectives at least 8 weeks prior to the start of the rotation. The student may participate in the planning, coordinating, and successful execution of various educational activities of the third year OB-GYN clerkship. Included duties with respect to the third-year clerkship include, but are not limited to: assisting with orientation, suture workshops, simulation training, updating and proctoring the clerkship mid-term examination, development and testing of objective structured clinical exams (OSCE's), standardized patients (SP's) and other teaching responsibilities as directed by Dr. Moore.
Learning Objectives:	1. To increase and reinforce the basic core knowledge of Obstetrics and Gynecology through teaching and educational research. 2. To develop academic medical skills by actively participating in the formal educational process of junior medical students. 3. To become familiar with the rigors of clerkship scheduling, proctoring, and question and examination development. 4. To gain competence in educational and/or clinical research by exposure to ongoing research projects in the Department of Obstetrics and Gynecology. 5. To increase clinical knowledge and competence in Obstetrics and Gynecology through continued clinical interaction with faculty and patients.
Additional Preceptors:	None

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Maternal-Fetal Medicine, Hofheimer Hall, 8:30 a.m., 3rd Floor

Evaluation: 100% mentor evaluation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 0
Asynchronous: 40

Scheduling Contact

Course Coordinator: Tara Willett
Coordinator Email: willettp@evms.edu
Coordinator Phone: 757-446-7902

Hospital Site Compliance

Non-hospital experience

OBG417W4: Obstetrics and Gynecology

Course Director(s):	Jessica Bullard, MD
Course Location:	Falls Church Medical Center 201 N Washington Street, Falls Church, VA
Course Description:	This elective is being offered as an opportunity to obtain clinical outpatient experience in an integrated healthcare system. This elective permits the assumption of greater patient responsibility on the part of the medical student in the outpatient setting. This elective permits the assumption of greater patient responsibility on the part of the medical student in the outpatient setting. This elective is recommended if a student is interested in pursuing a residency in Ob/Gyn and desires a more in-depth exposure to the specialty. The faculty will be pleased to attempt to tailor a program to the student's particular interest, but the basic usual expectation should be advanced clinical management and reinforcement of cognitive material and problem solving skills.
Learning Objectives:	<ol style="list-style-type: none">1. Be cognizant of the social and health policy aspect of women's health (ethical issues, sterilization, abortion, domestic violence; adolescent care regarding STDs, contraception and pregnancy).2. Conduct a medical interview and accurate physical exam with emphasis on obstetrics and gynecology.3. Understand current contraceptive technology.4. Provide a differential diagnosis of an 'acute abdomen'- pelvic infection, ectopic pregnancy, adnexal torsion, appendicitis, diverticulitis, renal calculi, etc.5. Gain greater competence in both acute and preventive outpatient ambulatory care treatment.6. Perform supervised prenatal care to assess fetal wellbeing using ultrasound and doppler, as well as co-management of outpatient High Risk Obstetrics care.7. To provide comprehensive counseling to patients regarding postpartum care, contraceptive options, and prevention of sexually transmitted diseases.
Additional Preceptors:	Carolyn Payne, MD; Jennifer Biggs, MD; Jessica Bullard, MD; Megan Early, MD; Nahed Ezmerli, MD; Pritha Workman, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 3, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No

Night Call: No

Reporting Instructions: Please call before arrival to establish location

Evaluation: 100% clinical observation and oral feedback

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Jonathan Holland

Coordinator Email: jonathan.m.holland@kp.org

Coordinator Phone: 301-816-5672

Hospital Site Compliance

Kaiser-Permanente

OBG418W4: Advanced Clerkship in Benign Gynecology and Urogynecology

Course Director(s):	Kindra Larson, MD
Course Location:	Sentara Norfolk General Hospital Sentara Princess Anne Hospital
Course Description:	The Acting Internship (AI) experience is designed to encourage senior medical students to assume patient care responsibilities similar to those of an intern (PGY-1 resident). This course is designed for students pursuing a surgical career who are interested in increasing their knowledge of pelvic anatomy and fundamental surgical skills with an emphasis in minimally invasive surgery. The student will complete a structured curriculum that includes pelvic anatomy, surgical instrumentation, surgical energy, & fundamental laparoscopic skills. The student will participate in clinical activities including observation in the operating room one and one half days per week and will be involved in direct patient care two half days in outpatient gynecology clinics. The remainder of the time will be in self-directed study and surgical simulation skills. The student will be assigned a mentor from the Gynecology Division to supervise the completion of the course.
Learning Objectives:	By the completion of this rotation the medical student should be competent in the following: 1. Manage common outpatient obstetric and gynecologic problems 2. Perform routine gynecologic examinations, Pap smears, and gynecologic biopsies 3. Identify the surgical instruments and equipment commonly used in gynecologic procedures. Basic knowledge of operative techniques, including: cystoscopy, hysteroscopy, and laparoscopy 4. Describe the critical steps necessary in following the patient through the surgical process including pre-operative assessment in the clinical setting, pre-operative evaluation and planning the day of surgery, intraoperative planning, and post-surgical care 5. Develop an evaluation and treatment algorithm for assessing patients with complex gynecologic pathology to include patient history, physical exam, employing and interpreting appropriate diagnostic studies, and developing an appropriate management plan 6. Basic knowledge of urodynamic testing
Additional Preceptors:	Andrew Moore, MD; Peter Takacs, MD; Renee Morales, MD; Richard Willard, MD; Stephen Davis, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 1, 2, 5
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes

Night Call: No

Reporting Instructions: EVMS Hofheimer Hall

Evaluation: 80% clinical observation; 20% oral exam/case presentation

Student Efforts

% of Time in Various Settings

Inpatient Care: 60%
Trauma/ICU: 0%
Outpatient: 40%

Activity Hours Per Week

Direct Patient Care: 30
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Tara Willett

Coordinator Email: willettp@evms.edu

Coordinator Phone: 757-446-7902

Hospital Site Compliance

Sentara, Norfolk General Hospital
Sentara, Princess Anne Hospital

OBG419W4: Advanced Clerkship in Benign Gynecology Acting Internship

Course Director(s):	Joseph Hudgens, MD
Course Location:	Sentara Norfolk General Hospital Sentara Princess Anne Hospital
Course Description:	<p>The Acting Internship (AI) experience is designed to encourage senior medical students to assume patient care responsibilities similar to those of an intern (PGY-1 resident). This course is designed for students pursuing a surgical career who are interested in increasing their knowledge of pelvic anatomy and fundamental surgical skills with an emphasis in minimally invasive surgery. The student will complete a structured curriculum that includes pelvic anatomy, surgical instrumentation, surgical energy, & fundamental laparoscopic skills. The student will participate in clinical activities including observation in the operating room one and one half days per week and will be involved in direct patient care two half days in outpatient gynecology clinics. The remainder of the time will be in self-directed study and surgical simulation skills. The student will be assigned a mentor from the Gynecology Division to supervise the completion of the course.</p>
Learning Objectives:	<p>By the completion of this rotation the medical student should be competent in the following: 1. Describe the key pelvic anatomic land marks and anatomic relationships of the pelvis 2. Assess these land marks in both pelvic exam and surgical settings as they relate to the pathophysiology, evaluation and treatment of gynecologic disease 3. Identify the surgical instruments and equipment commonly used in gynecologic procedures 4. Describe the use of surgical energy in relation to gynecologic surgery 5. Describe and employ basic dissection techniques use in gynecologic and minimally invasive surgery 6. Describe the critical steps necessary in following the patient through the surgical process including pre-operative assessment in the clinical setting, pre-operative evaluation and planning the day of surgery, intraoperative planning, and post-surgical care 7. Develop an evaluation and treatment algorithm for assessing patients with complex gynecologic pathology to include patient history, physical exam, employing and interpreting appropriate diagnostic studies, and developing an appropriate management plan</p>
Additional Preceptors:	Andy Moore, MD; Traci Ito, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 1, 2, 3, 4, 7, 8, 9
Number of Students:	1 per block

Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	EVMS Hofheimer Hall
Evaluation:	15% final multiple choice exam; 10% weekly exams; 10% final oral exam; 25% clinical observation; 40% required lab sessions

Student Efforts

% of Time in Various Settings

Inpatient Care: 25%
Trauma/ICU: 0%
Outpatient: 25%

Activity Hours Per Week

Direct Patient Care: 20
Didactics: 6
Asynchronous: 14

Scheduling Contact

Course Coordinator:	Tara Willett
Coordinator Email:	willett@evms.edu
Coordinator Phone:	757-446-7902

Hospital Site Compliance

Sentara, Norfolk General Hospital
Sentara, Princess Anne Hospital

OBG998W2: Obstetrics and Gynecology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Obstetrics and Gynecology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

OBG998W4: Obstetrics and Gynecology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Obstetrics and Gynecology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

OBG999W2: Obstetrics and Gynecology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Obstetrics and Gynecology elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

OBG999W4: Obstetrics and Gynecology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Obstetrics and Gynecology elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Ophthalmology

OPH400W4: Clinical Ophthalmology

Course Director(s):	Giovanni DiSandro, MD
Course Location:	Children's Hospital of the King's Daughters Sentara Norfolk General Hospital
Course Description:	<p>An introduction to comprehensive and subspecialty ophthalmic practice. Emphasis will be placed on general ophthalmology, acute ocular pathology and trauma, retinal pathology, glaucoma, and pediatrics. The student will work closely with ophthalmology residents as well as faculty. Curriculum can be tailored to the student's particular interests. The rotation will particularly benefit those interested in ophthalmology as a career, as well as other subspecialties including emergency medicine, internal medicine and pediatrics. Required Educational Materials: Web-based instruction, University of Michigan "The Eyes Have It" Suggested Educational Materials: Basic Ophthalmology, Cynthia A. Bradford, Executive Editor, 8th edition, 2004, published by the American Academy of Ophthalmology. ISBN 978-1-56055-361-8. The Physician's Guide to Eye Care, Jonathan D. Trobe, 3rd edition, 2006, published by the American Academy of Ophthalmology. The Eye Exam and Basic Ophthalmic Instruments.</p>
Learning Objectives:	<p>1. To provide the student with a basic understanding of the field of Ophthalmology. 2. To teach the student to perform a basic vision and external ophthalmic exam. 3. The student will be given an opportunity to earn and practice more advanced examination techniques. This includes external slit lamp exam, slit lamp funduscopy, and indirect ophthalmoscopy. 4. To introduce the student to ophthalmic subspecialties such as glaucoma, retina, oculoplastics, pediatrics and neuro-ophthalmology. 5. To gain an understanding of the evaluation, diagnosis and management of common medical and surgical ophthalmic conditions.</p>
Additional Preceptors:	Adam Lipman, MD; Alan Wagner, MD, FACS, FICS; Albert Cheung, MD; Arielle Spitze, MD; Avi Meier, MD; Barry Mandell, MD; Christopher Kurz, MD; Constance Okeke, MD, MSCE; David Salib, MD; Dawnielle Kerner, MD; Dietrich Fellner, MD; Elizabeth Yeu, MD; Evan Berger, MD; Giovanni DiSandro, MD; Kapil Kapoor, MD, FACS; Kori Elkins, MD; Leonard Rappaport, MD; Maria Lourdes Gonzalez, MD, PhD; Mark Fernandez, MD; Mark Pavilack, MD; Nicole Scripsema, MD; Rohit Adyanthaya, MD; Samantha Dewundara, MD; Stephen Scoper, MD; Thomas Joly, MD, PhD; Usiwoma Abugo, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 2, 3, 4, 7, 8, 9
Number of Students:	1 per block

Restrictions/Pre-Requisites:	Letter of interest and CV must be submitted. Blocks 2-4 reserved for ophthalmology interested medical students.
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Lions Eye Clinic, 8:30 am
Evaluation:	Clinical observation, written examination. Course is administered thru blackboard and medical students are asked to upload all The Eyes Have It quizzes to blackboard courses.

Student Efforts

% of Time in Various Settings

Inpatient Care: 15%
Trauma/ICU: 0%
Outpatient: 85%

Activity Hours Per Week

Direct Patient Care: 36
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator:	Stephanie Ratcliffe
Coordinator Email:	ratclisl@evms.edu
Coordinator Phone:	757-388-2473

Hospital Site Compliance

Children's Hospital of the King's Daughters
Sentara, Norfolk General Hospital

OPH402W2: Clinical Ophthalmology

Course Director(s):	G. Peyton Neatrou, MD
Course Location:	Beach Eye Care 1201 First Colonial Road Virginia Beach
Course Description:	This elective will include exposure to the office practice of ophthalmology and ophthalmic surgery with emphasis on managing and diagnosing common eye diseases.
Learning Objectives:	1. To observe and learn in an office setting the practice of ophthalmology. 2. To become familiar with the diagnosis and management of infections and minor eye trauma. 3. To learn the basics of taking an ocular history and performing an ocular examination. This will include visual acuity, tonometry, external exam, muscle testing, ophthalmoscopy and slit lamp exam. 4. To learn appropriate referral of patients to an ophthalmologist. 5. To correlate eye findings with systemic disease. 6. To become familiar with ophthalmic instrumentation. 7. Audiovisuals will be used to supplement the clinical experience.
Additional Preceptors:	Ed Levine, MD; Vivek Jain, MD; William Waschler, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per two week block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Beach Eye Care
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 32
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Trish Stauffer
Coordinator Email: pstauffer@beacheyecare.com
Coordinator Phone: 757-425-5550

Hospital Site Compliance

Non-hospital experience

OPH998W2: Ophthalmology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Ophthalmology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

OPH998W4: Ophthalmology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Ophthalmology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

OPH999W2: Ophthalmology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Ophthalmology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

OPH999W4: Ophthalmology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Ophthalmology elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Orthopedic Surgery

ORT403W4: Orthopedics (NMCP)

Course Director(s):	Andrew Henebry, MD
Course Location:	Naval Medical Center Portsmouth Bone & Joint Sports Medicine Institute (outpatient)
Course Description:	Text to serve as basic reference while on rotation, (1) Essentials of Orthopaedic Surgery, by Sam Weisel, published by Saunders. Rotator will spend 0715 to 0800 in morning conference, and 0800 to 1600 in clinical setting, which will primarily be outpatient clinic, but can be assigned to a surgical team if desired and available (i.e., total joint, sports medicine, hand, trauma, etc.) A comprehensive curriculum of lectures intended for non-orthopedists will be given during the course of the month. (2) Physical Examination of the Spine and Extremities by Stanley Hoppenfeld (Appleton-Century-Crofts).
Learning Objectives:	1. Demonstrate the capability to: a) Take a thorough history of musculoskeletal problems b) Perform adequate physical examination of the spine and extremities c) Splint and cast basic orthopedic injuries d) Read basic X-rays of the musculoskeletal system 2. To become familiar with clinical tests used in orthopedics.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 5, 6, 7, 8, 9, 10, 11
Number of Students:	2 per block
Restrictions/Pre-Requisites:	Priority given to HPSP students June-October. To request this elective visit https://portsmouth.tricare.mil/Research-Education/Graduate-Medical-Education-Dental-Programs . Click on "Request for Clerkship/Interview" in the bottom left corner
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Graduate Medical Education Office, Bldg. #3, 3rd floor at 8:00 a.m. on first day of rotation for check-in documents, before proceeding to Orthopedic GME Coordinator, Kelley Jacobson, Building 3, 5th floor.
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 50

Didactics: 8

Asynchronous: 5

Scheduling Contact

Course Coordinator: Stephanie Outlaw

Coordinator Email: outlawsd@evms.edu

Coordinator Phone: 757-446-8906

Hospital Site Compliance

Naval Medical Center Portsmouth

ORT409W4: Orthopedic Surgery and Sports Medicine

Course Director(s):	Boyd Haynes III, MD
Course Location:	Orthopaedic & Spine Center 250 Nat Turner Boulevard Newport News, VA 23606
Course Description:	Student will follow private practice orthopedist during office hours. Student will have ample time for their own studying and reading. Student should come away with a basic understanding of orthopedic surgery and clinical and historical evaluation of the orthopedic patient.
Learning Objectives:	1. Demonstrate the capability to: a) Take a thorough history of musculoskeletal problems b) Perform adequate physical examination of the spine and extremities c) Understand basic orthopedic injuries d) Read basic X-rays of the musculoskeletal system e) Understand the business and efficiency of Medical Field, EHR, Staffing, etc. 2. To become familiar with clinical tests used in orthopedics.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	8:00 am at Orthopaedic & Spine Center, 250 Nat Turner Boulevard, Newport News, VA 23606
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 0%	Direct Patient Care: 12
Trauma/ICU: 0%	Didactics: 12
Outpatient: 100%	Asynchronous: 0

Scheduling Contact

Course Coordinator: Patsy Murabito
Coordinator Email: pmurabito@osc-ortho.com
Coordinator Phone: 757-596-1900

Hospital Site Compliance

Bon Secours Mary Immaculate Hospital

ORT411W2: Orthopedic Surgery and Sports Medicine

Course Director(s):	Kevin F. Bonner, MD, FAAOS
Course Location:	Sentara Leigh Orthopedic Surgery Center Sentara Leigh Hospital Jordan-Young Institute
Course Description:	Student will follow private practice orthopedist during office hours, surgery and rounds. Students will be able to see how to integrate research into a private practice setting. Student will have ample time for their own studying and reading. Student should come away with a basic understanding of orthopedic surgery and clinical evaluation of the orthopedic patient. This course is focused on shoulder and knee surgery but students will also gain a significant experience in treating athletes and sports injuries.
Learning Objectives:	1. Demonstrate the capability to: a) Take a thorough history of musculoskeletal problems b) Perform adequate physical examination of the spine and extremities c) Understand basic orthopedic injuries d) Read basic X-rays of the musculoskeletal system 2. To become familiar with clinical tests used in orthopedics.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Only open to students planning to pursue orthopedics
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Jordan-Young Institute, 5716 Cleveland Street, Suite 200, Virginia Beach, VA 23462
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 50%
Trauma/ICU: 0%
Outpatient: 50%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 0-1
Asynchronous: 0

Scheduling Contact

Course Coordinator: Allison Hetrick
Coordinator Email: ahetrick@jordan-younginstitute.com
Coordinator Phone: 757-502-8561 or 757-502-8546

Hospital Site Compliance

Sentara, Leigh Hospital

ORT411W4: Orthopedic Surgery and Sports Medicine

Course Director(s):	Kevin F. Bonner, MD, FAAOS
Course Location:	Sentara Leigh Orthopedic Surgery Center Sentara Leigh Hospital Jordan-Young Institute
Course Description:	Student will follow private practice orthopedist during office hours, surgery and rounds. Students will be able to see how to integrate research into a private practice setting. Student will have ample time for their own studying and reading. Student should come away with a basic understanding of orthopedic surgery and clinical evaluation of the orthopedic patient. This course is focused on shoulder and knee surgery but students will also gain a significant experience in treating athletes and sports injuries.
Learning Objectives:	1. Demonstrate the capability to: a) Take a thorough history of musculoskeletal problems b) Perform adequate physical examination of the spine and extremities c) Understand basic orthopedic injuries d) Read basic X-rays of the musculoskeletal system 2. To become familiar with clinical tests used in orthopedics.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Only open to students planning to pursue orthopedics
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Jordan-Young Institute, 5716 Cleveland Street, Suite 200, Virginia Beach, VA 23462
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 50%
Trauma/ICU: 0%
Outpatient: 50%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 0-1
Asynchronous: 0

Scheduling Contact

Course Coordinator: Allison Hetrick
Coordinator Email: ahetrick@jordan-younginstitute.com
Coordinator Phone: 757-502-8561 or 757-502-8546

Hospital Site Compliance

Sentara, Leigh Hospital

ORT413W4: Orthopedic Trauma Surgery

Course Director(s):	Richard J Myers, MD
Course Location:	Sentara Norfolk General Hospital & Clinics
Course Description:	Student to participate in a busy orthopaedic trauma surgery service at Sentara Norfolk General Hospital, the region's level 1 trauma center. The student will participate in insured and indigent clinic experiences, inpatient rounding, and major open orthopaedic surgery in the operating room. The student will integrate into our team that includes an orthopaedic trauma attending surgeon, advance practice clinician, orthopaedic chief resident, and usually a first year emergency medicine resident. Night call will be negotiable and consistent with the educational goals of the learner.
Learning Objectives:	Part 1: Orthopaedic History and Exam Skills 1) Develop and demonstrate the ability to obtain a basic history and orthopaedic specific history. 2) Apply and understand orthopaedic relevant physical exam and joint specific examination tests. 3) Enhance problem-solving skills in the daily evaluation and management of assigned patients. Part 2: Orthopaedic Trauma Team Skills 1) Effectively integrate him/herself into the orthopaedic trauma team as a contributing member. 2) Demonstrate teamwork and communication skills with nurses, therapists, case managers and other clinicians on his/her patients. 3) Successfully complete in-house call responsibilities similar to or at the level of an intern. 4) Demonstrate effective oral and written communication skills related to the multiservice and multisystem care of the injured patient with isolated or multisystem orthopaedic injuries. Part 3: Oral Communication Skills 1) The student will present a brief review of a case encountered during the rotation and perform a supplementary literature on the relevant topic in orthopaedic trauma.
Additional Preceptors:	Dirk Proffer, MD; Harry Molligan, IV, MD; Suneel Bhat, MD

Course Details

Course Category:	Acting Internship, Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	Yes

Reporting Instructions: Sentara Orthopaedic Trauma Specialists, Norfolk General Hospital, 600 Gresham Dr., Suite 204

Evaluation: 90% clinical observation, 10% oral presentation

Student Efforts

% of Time in Various Settings

Inpatient Care: 75%
Trauma/ICU: 5%
Outpatient: 20%

Activity Hours Per Week

Direct Patient Care: 40-60
Didactics: 1-5
Asynchronous: TBD

Scheduling Contact

Course Coordinator: Stephanie Outlaw

Coordinator Email: OutlawSD@EVMS.EDU

Coordinator Phone: 757-446-8906

Hospital Site Compliance

Sentara, Norfolk General Hospital
Sentara, Virginia Beach General Hospital

ORT998W2: Orthopedic Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Orthopedic Surgery elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

ORT998W4: Orthopedic Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Orthopedic Surgery elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

ORT999W2: Orthopedic Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Orthopedic Surgery elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

ORT999W4: Orthopedic Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Orthopedic Surgery elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Otolaryngology

OTO402W4: Otolaryngology (NMCP)

Course Director(s): Virginia Teti, MD

Course Location: Naval Medical Center Portsmouth

Course Description: This elective offers a broad and flexible orientation suitable for medical students interested in surgery or the primary care specialties. The student will receive a wide exposure to medical and surgical aspects and diseases of the head and neck in adults and children. All students obtain experience with the diagnosis and initial treatment of head and neck problems commonly encountered by primary care providers. Because the ENT department serves a large and diversified patient population, there is also ample opportunity for more in-depth experience with the complete spectrum of head and neck disorders. The proportion of time each medical student spends in the clinic or operating room will be tailored to emphasize the student's interests.

Learning Objectives:

1. Outpatient evaluation of patients in a busy clinic: The student will observe and participate in the care of both routine and unique patients under the guidance of a staff or senior resident otolaryngologist.
2. Inpatient management of postoperative and medically treated patients: The student will round with one of two teams and may cross teams to round on particularly interesting patients, or those seen in the clinic or operating room.
3. Operative experience: The student will attend our academic conferences which include Morbidity and Mortality (monthly), Preoperative Conference (weekly), Didactic Lecture (weekly), Tumor Board (bi-monthly), and any of our in-house courses.
4. Audiology exposure: The student may spend one half day in the audiology department to observe routine audiograms, play audiometry, and ENG's or ABR's if ongoing. Related readings on the indications and interpretation are provided to round out the experience.
5. Allergy therapy exposure: The student will spend one half day in the allergy clinic observing the interpretation of allergy evaluations, the preparation of therapeutic antigens and the administration of immunotherapy.
6. Surgical experience: Each student will receive experience and guidance in soft tissue surgical techniques.

Objectives:

1. Learn the basics of the ear, nose and throat examination.
2. Learn the differential diagnosis and evaluation of rhinitis and nasal obstruction.
3. Learn the diagnosis & treatment of pediatric ear disease & the indications for myringotomy with tympanostomy tubes.
4. Learn the indications for tonsillectomy and adenoidectomy.
5. Learn to diagnose and treat a peritonsillar abscess and other masses of the neck.
6. Learn the initial management of epistaxis and nasal fractures.
7. Learn the differential diagnosis and initial evaluation of the patient with balance disorder.
8. Learn the risk factors for and indicated evaluation of head and neck cancer.
9. Learn the techniques of proper traumatic and surgical wound closure.
10. Learn the systematic management of pediatric and adult upper airway obstruction.

Additional Preceptors: Erin Hamersley, MD; Greg Capra, MD; Jessica Winters, MD; Micaela Dagucon, MD; Mitch Eliason, MD; Terence Johnson, MD; Tokunbo Ayeni, MD

Course Details

Course Category: Elective

Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	Priority given to HPSP students July-October. To request this elective visit https://portsmouth.tricare.mil/Research-Education/Graduate-Medical-Education-Dental-Programs . Click on "Request for Clerkship/Interview" in the bottom left corner
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Graduate Medical Education Office, Bldg. #3, 3rd floor at 8:00 am
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 10%	Direct Patient Care: 10
Trauma/ICU: 40%	Didactics: 8
Outpatient: 40%	Asynchronous: 0

Scheduling Contact

Course Coordinator:	Stephanie Outlaw
Coordinator Email:	outlawsd@evms.edu
Coordinator Phone:	757-446-8906

Hospital Site Compliance

Naval Medical Center Portsmouth

OTO403W4: Otolaryngology for the Primary Care Physician

Course Director(s):	Jonathan Mark, MD
Course Location:	Sentara Norfolk General Hospital Sentara Princess Anne Hospital Children's Hospital of the King's Daughters
Course Description:	This elective is designed for the medical student interested in the primary care specialties (family practice, internal medicine, pediatrics) and is oriented toward outpatient services. The student will receive a wide exposure to medical and surgical aspects of diseases of the head and neck in adults and children. Major patient contact will be through the department's clinical offices, hospital clinics, and hospital rounds. There will be selected operating room experience to demonstrate common procedures.
Learning Objectives:	1. Learn the basics of the ear, nose and throat examination. 2. Diagnose and treat the spectrum of diseases related to chronic serous otitis media, acute otitis media and chronic otitis media. 3. Diagnose and treat the spectrum of diseases in the oral cavity and pharynx (e.g., tonsillitis, adenoiditis and oral/dental diseases). 4. Evaluate and treat nasal/sinus disorders. 5. Learn the basic work-up and follow-up of the head and neck cancer patient and thyroid/parathyroid patient. 6. Diagnose and treat voice and swallowing problems. 7. To understand the basic surgical skills and perioperative problems involved in performing myringotomy, tonsillectomy, sinus and laryngeal endoscopic surgery.
Additional Preceptors:	Ashley Schroeder, MD; Barry Strasnick, MD; Ben Rubinstein, MD; Craig Derkay, MD; Cristina Baldassari, MD; Daniel Karakla, MD; David Darrow, MD; Eric Dobratz, MD; John Sinacori, MD; Joseph Han, MD; Kent Lam, MD; Matthew Bak, MD; Peter Volsky, MD; Stephanie Moody Antonio, MD; Thomas Gallagher, DO; Will Dougherty, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No

Reporting Instructions: Students will be provided a schedule the week before beginning the rotation. Students should email Kelly Sylvester (sylvesks@evms.edu) if they have not received an email from her with their rotation schedule. Report to the designated clinic on your first day.

Evaluation: 100% clinical observation and written exam

Student Efforts

% of Time in Various Settings

Inpatient Care: 10%
Trauma/ICU: 0%
Outpatient: 90%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 3
Asynchronous: 0

Scheduling Contact

Course Coordinator: Kelly Sylvester
Coordinator Email: sylvesks@evms.edu
Coordinator Phone: 757-388-6229

Hospital Site Compliance

Children's Hospital of the King's Daughters
Sentara, Norfolk General Hospital
Sentara, Princess Anne Hospital

OTO404W4: Otolaryngology for the Future Surgeon

Course Director(s):	Jonathan Mark, MD
Course Location:	Sentara Norfolk General Hospital Sentara Princess Anne Hospital Children's Hospital of the King's Daughters
Course Description:	This elective offers an orientation to otolaryngology for the future surgeon. An emphasis will be placed on medical and surgical aspects of diseases of the head and neck with the development of specific surgical skills related to these diseases. The course will be divided between operating room experiences and office otolaryngology. The elective will be fashioned to meet the needs of the student, and be tailored toward medical students interested in the Otolaryngology-Head & Neck Surgery residency.
Learning Objectives:	1. Learn the basics of the ear, nose and throat examination. 2. Diagnose and treat the spectrum of diseases related to chronic serous otitis media, acute otitis media and chronic otitis media. 3. Diagnose and treat the spectrum of diseases related to tonsillitis, adenoiditis and sinusitis. 4. Evaluate and treat nasal/sinus disorders. 5. Learn the basic work-up and follow-up of the head and neck cancer patient and thyroid/parathyroid patient. 6. Diagnose and treat voice and swallowing problems. 7. Develop surgical skills, such as performing myringotomy, tympanostomy tube placement, sinus irrigation, laryngoscopy, wound closure and tracheotomy. 8. To understand practical head and neck anatomy as it relates to the patient with surgical disease. 9. To understand the pre-op and post-op care of patients with head and neck cancer.
Additional Preceptors:	Ashley Schroeder, MD; Barry Strasnick, MD; Ben Rubinstein, MD; Craig Derkay, MD; Cristina Baldassari, MD; Daniel Karakla, MD; David Darrow, MD; Eric Dobratz, MD; John Sinacori, MD; Joseph Han, MD; Kent Lam, MD; Matthew Bak, MD; Peter Volsky, MD; Stephanie Moody Antonio, MD; Thomas Gallagher, DO; Will Dougherty, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes

Night Call: Optional

Reporting Instructions: Students will receive a welcome email from Kelly Sylvester a week before the course is to begin. Please contact Kelly Sylvester (sylvesks@evms.edu) if you do not receive this email. The email will give a general schedule dictating which ENT sub-specialty service they will be on each week. The Chief Resident of each sub-specialty will give a more detailed schedule. Once students receive their general schedule, they should email the Chief Resident of their first sub-specialty service for instructions of where to report on day one.

Evaluation: 100% clinical observation and presentation of interesting case at Tumor Board

Student Efforts

% of Time in Various Settings

Inpatient Care: 80%
Trauma/ICU: 0%
Outpatient: 20%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 3
Asynchronous: 4

Scheduling Contact

Course Coordinator: Kelly Sylvester

Coordinator Email: sylvesks@evms.edu

Coordinator Phone: 757-388-6229

Hospital Site Compliance

Children's Hospital of the King's Daughters
Sentara, Norfolk General Hospital
Sentara, Princess Anne Hospital

OTO998W2: Otolaryngology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Otolaryngology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

OTO998W4: Otolaryngology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Otolaryngology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

OTO999W2: Otolaryngology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Otolaryngology elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

OTO999W4: Otolaryngology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Otolaryngology elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Pathology & Anatomy

PAT400W4: Anatomic and Clinical Pathology (NMCP)

Course Director(s):	Eric Shanahan, MD
Course Location:	Naval Medical Center Portsmouth
Course Description:	Laboratory medicine is an exciting and broad discipline that includes anatomic pathology (surgical pathology, autopsy pathology and cytology), clinical pathology (hematology, chemistry and microbiology), and transfusion medicine (clinical transfusion medicine and blood banking). The goal of this rotation is to provide an opportunity to learn the functional aspects of each of these areas, the appropriateness of test ordering and the processes involved in arriving at specific diagnoses, thereby fostering understanding and better working relationships between clinicians and the laboratory. Students will have the opportunity to rotate through all of the major areas of the anatomic and clinical laboratories and any other areas of special interest, time permitting.
Learning Objectives:	1. Be present each day of the rotation. 2. Participate in department consensus conference. 3. Attend tumor boards as scheduled. 4. Prepare and present a short lecture on a pathology topic to the departmental medical staff. 5. Rotate through each of the laboratory divisions. 6. Participate in autopsies as available. 7. Participate in fine needle aspiration biopsies. 8. Participate in specimen grossing and frozen section diagnoses. 9. Review surgical pathology and cytology cases with staff members. 10. Review clinical laboratory studies with a staff member. 11. Self-study as needed or directed.
Additional Preceptors:	None

Course Details

Course Category:	Elective
Course Type:	
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	2 students
Restrictions/Pre-Requisites:	Priority given to HPSP students July-October. To request this elective visit https://portsmouth.tricare.mil/Research-Education/Graduate-Medical-Education-Dental-Programs . Click on "Request for Clerkship/Interview" in the bottom left corner
Visiting Students:	No
Night Call:	No

Reporting Instructions: Graduate Medical Education Office, Bldg. #3, 3rd floor at 8:00 a.m. on first day of rotation for check-in documents, before proceeding to Dept. of Laboratory Medicine, Building #2, 1st Floor.

Evaluation: Rotators will be evaluated based on elements of the ACGME defined six core competencies of patient care, medical knowledge, practice-based learning and improvement, interpersonal and communication skills, professionalism, and systems-based practice. In addition to staff observation, there will be a 15 minute didactic presentation by the student on a case/topic of his/her choice.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 35
Didactics: 5
Asynchronous: 0

Scheduling Contact

Course Coordinator: Stephanie Outlaw
Coordinator Email: outlawsd@evms.edu
Coordinator Phone: 757-446-8906

Hospital Site Compliance

Naval Medical Center Portsmouth

PAT401W4: Gross Anatomical Pathology of Trauma and Sudden Death

Course Director(s):	Wendy Gunther, MD
Course Location:	Office of the Chief Medical Examiner 830 Southampton Ave. Ste 100, Norfolk
Course Description:	The role of the Medical Examiner in the community is investigating deaths in the public interest of the administration of justice and detecting hazards to public health and safety. Pathology of sudden death and trauma.
Learning Objectives:	1. Evaluation of possible pathology from review of historical circumstances surrounding death. 2. Clinico-pathological correlation. 3. Review gross anatomy and gross pathology. 4. Interpret of trauma, including the mechanism of causation of injury and its ultimate pathophysiology. 5. Become aware of legal consequences of medical practice; review how to testify in court as an expert witness. 6. Understand the local medical examiner system in Virginia; consider service to the Commonwealth as an LME following licensure.
Additional Preceptors:	Clare Bryce, MD; Elizabeth Kinnison, MD; Molly House, DO

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Report to OCME at 0800 hours with EVMS photo ID. We will supply scrubs. EVMS supplies personal protective equipment to include N95 mask, hair and foot covers, gown, and gloves; student coordinates with Academic Affairs to obtain and transport supplies. Student supplies autopsy operations appropriate shoes. No jeans, shorts, t-shirts or open-toed shoes.
Evaluation:	100% clinical observation; optional presentation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Donna Price
Coordinator Email: donna.price@vdh.virginia.gov
Coordinator Phone: 757-683-8366

Hospital Site Compliance

Non-hospital experience

PAT409W4: Pathology

Course Director(s):	James Post, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	Anatomic and clinical are offered. Course content can be flexible with regards to student interest in a particular subject matter. Gross and microscopic anatomic pathology will be emphasized. Students may assist in autopsies. Clinicopathologic correlation will be stressed. Sentara Norfolk General Hospital is a private surgical pathology practice which has involvement in academic work. Students will gain experience in utilization of state of the art diagnostic procedures including immuno-peroxidase studies, molecular pathology, and flow cytometric immunophenotyping. Students have the opportunity to explore pathology with regard to possible career choice or to augment knowledge of tissue pathology as it pertains to other specialties such as surgery, oncology, radiology, etc.
Learning Objectives:	1. Familiarization with the role of the anatomic pathologist. 2. Handling of fresh tissue for pathologic studies. 3. Basic history and microscopic pathology. 4. Appropriate use of intraoperative consultation. 5. Medical autopsy protocol. 6. Review of pathology terminology and concepts with application to clinical settings.
Additional Preceptors:	Other All SNGH Pathologists

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Department of Pathology, second floor, A-wing.
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 50%
Trauma/ICU: 0%
Outpatient: 50%

Activity Hours Per Week

Direct Patient Care: 20
Didactics: 2
Asynchronous: 0

Scheduling Contact

Course Coordinator: James Post, MD
Coordinator Email: jdpost@sentara.com
Coordinator Phone: 757-388-3221

Hospital Site Compliance

Sentara, Norfolk General Hospital

PAT998W2: Pathology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Pathology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PAT998W4: Pathology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Pathology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

PAT999W2: Pathology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Pathology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PAT999W4: Pathology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Pathology elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Pediatrics

PED401W4: Neonatal-Perinatal Medicine

Course Director(s):	Brett Siegfried, MD
Course Location:	Children's Hospital of the King's Daughters
Course Description:	This elective is designed to familiarize the student with the Neonatal Intensive Care Unit (NICU) at CHKD and to participate in the management of neonates under direct supervision of the neonatal-perinatal medicine faculty. Students will be able to apply the basic sciences (physiology, biochemistry, and microbiology) to the care of sick neonates. This elective is designed to allow the student to function as an acting intern in the NICU. When taking night call, the student will have the opportunity to accompany the attending neonatologist and pediatric residents in the delivery room to attend high risk deliveries.
Learning Objectives:	By the completion of the elective, the student: 1. The student will demonstrate the ability to perform an initial evaluation, including prenatal history and physical examination, on a newborn admitted to the NICU. 2. The student shall demonstrate the ability to develop a differential diagnosis and to institute a management plan. 3. The student shall demonstrate knowledge of the indication for the following procedures on term and premature infants: venipuncture, arterial puncture, umbilical catheterization, lumbar puncture, needle aspiration of pneumothorax, gestational age assessment, and resuscitation of the newborn. The student will have the opportunity to participate in/perform procedures as appropriate clinical opportunities arise. 4. The student shall exhibit the ability to calculate and write fluid and caloric intakes. 5. The student shall become knowledgeable in the functions of the various members of the neonatal team, e.g., nurses and respiratory therapists. 6. The student shall become knowledgeable in the functions of the neonatologist/perinatologist and how to consult with one effectively.
Additional Preceptors:	CW Gowen, MD; Deborah Devendorf, MD; Edward Karotkin, MD; Glen Green, MD; Jamil Khan, MD; Kathryn Colacchio, MD; Kenneth Tiffany, MD; Kirk Sallas, MD; Rachel Armentrout, MD; Susannah Dillender, MD; Thomas Bass, MD; Tushar Shah, MD

Course Details

Course Category:	Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	Block 1: 1 student; Block 2-9: 2 students
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes

Night Call: No
Reporting Instructions: CHKD NICU
Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 77%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 35
Didactics: 10
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera
Coordinator Email: pedres@chkd.org
Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED402W4: Pediatric Endocrinology

Course Director(s):	Marta Satin-Smith, MD
Course Location:	Children's Hospital of the King's Daughters
Course Description:	Opportunity to become acquainted with endocrine problems of childhood and adolescence. Students will learn about the more common endocrine problems and how they are managed. They will also learn about the impact of chronic disease on physical and psychosocial-emotional growth.
Learning Objectives:	1. Do a comprehensive history and physical exam. 2. Identify the common pediatric endocrine problems and understand the management of those problems. 3. Be able to interpret common endocrine laboratory data. 4. Be able to describe the underlying pathophysiology and biochemistry of common pediatric endocrine disorders.
Additional Preceptors:	Eric Gyuricsko, MD; Kent Reifschneider, MD; Melinda Penn, MD; Melissa Russell, MD; Nicole Nejedly, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 2, 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Medical Offices, Children's Hospital of The Kings Daughters, Room 2C-A14
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 5%
Trauma/ICU: 0%
Outpatient: 95%

Activity Hours Per Week

Direct Patient Care: 35
Didactics: 5
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Krishna
Coordinator Email: pedres@chkd.org
Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED403W4: Pediatric Cardiology

Course Director(s):	Rose Cummings, DO
Course Location:	Children's Hospital of the King's Daughters
Course Description:	This is primarily an outpatient cardiology clinic rotation with opportunities to observe surgeries, TEEs, catheterizations, advanced imaging, and EP studies. The student will learn the clinical signs and symptoms of the major congenital and acquired pediatric cardiac conditions. Self-directed reading of primary articles as well as texts will be required. Relevant EKGs echocardiography, x-rays and physical exam findings will be reviewed.
Learning Objectives:	By the completion of the elective, the student will be able to: 1. Take a detailed cardiovascular history, perform a cardiovascular physical examination, order appropriate tests, and formulate these results into a logical diagnosis and plan of management. 2. Describe the symptoms and physical findings of congestive heart failure in infants and children. 3. Understand the anatomy, pathophysiology, clinical manifestations, natural history and therapeutic management of the more common congenital and acquired heart disease in infants and children. 4. Describe cardiac hemodynamics and be able to correlate these events with physical findings. 5. Interpret pediatric electrocardiograms in relation to age. 6. Recognize on chest x-rays, enlargement of great vessels and heart chambers and changes in pulmonary vascular markings. 7. Have a general understanding of the indications and usage of noninvasive (echocardiogram, exercise stress test) and invasive studies (cardiac catheterization and angiography). 8. Know the basic pharmacology including indications and contraindications for common cardiovascular drugs.
Additional Preceptors:	Alexander Ellis, MD; Elliot Tucker, MD; John Reed, MD; Jonathan Fleenor, MD; Lopa Hartke, MD; Michael Vance, MD; Robert Escalera, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No

Reporting Instructions: Cardiology, Children's Hospital of The Kings Daughters

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 30-40

Didactics: 5

Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED405W4: Pediatric Acting Internship

Course Director(s):	C.W. Gowen, MD
Course Location:	Children's Hospital of the King's Daughters
Course Description:	The Acting Internship (AI) experience is designed to encourage senior medical students to assume patient care responsibilities similar to those of an intern (PGY-1 resident), including call. The purpose of this course is to provide the student with the opportunity to further develop his/her clinical skills and knowledge in pediatrics. Under the supervision of the faculty attending and supervising resident, the student will admit patients, perform history and physical examinations, write orders, discuss the case with the supervising resident and attending, make daily rounds with the pediatric team, and perform clinical procedures. This elective is designed to give the student considering a career in pediatrics the opportunity to function as an acting-intern on a pediatric ward and to assess his/her suitability and interest in pediatric residency training.
Learning Objectives:	1. Demonstrate the ability to perform a detailed history and physical examination on children and adolescents. 2. Will demonstrate the ability to develop a differential diagnosis and to institute a detailed management plan for the pediatric patient. 3. Exhibit the skills and knowledge to perform clinical procedures on the pediatric patient such as blood drawing and performing a lumbar puncture. 4. Interpret laboratory and radiographic studies.
Additional Preceptors:	Other All CHKD Physicians

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 2, 3, 4, 5, 6, 7, 8, 9
Number of Students:	7 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Student will be contacted prior to the start of the elective

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%

Trauma/ICU: 0%

Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 60

Didactics: 8

Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED406W4: Pediatric Infectious Diseases

Course Director(s):	Randall Fisher, MD
Course Location:	Children's Hospital of the King's Daughters
Course Description:	The student will gain experience in the diagnosis, evaluation, and treatment of infectious diseases in both inpatient and outpatient settings. Inpatient experience is mostly in a consultative role, which allows the student to focus on the infectious disease issues. Work is distributed to maximize learning. Students are encouraged to delve into the literature about patients or conditions they find particularly interesting. The outpatient clinic provides experience with acute infectious problems outside the realm of the generalist's knowledge. In addition, patients with sub-acute or chronic infections or immune-compromising conditions are followed. Weekly city-wide infectious diseases case conference provides additional didactic learning, and contact with many ID-trained sub-specialists.
Learning Objectives:	By the completion of the elective, the student: 1. Learn how a sub-specialist approaches the history, physical examination, and diagnostic process in patients with infectious diseases. 2. Learn about the appropriate use and interpretation of laboratory tests, including serologic assays, PCRs, and bacterial, fungal, and viral cultures. 3. Understand the basics of anti-microbial use and misuse, including the mechanism of action of various classes of antibiotics, narrow versus broad-spectrum antibiotics and their appropriate uses, and the development of anti-microbial resistance. 4. Learn the basics about maternal-fetal transmission of HIV, care of the HIV-exposed infant, and the day-to-day care of children with HIV infection and AIDS, including the use of anti-retrovirals, rationale for and appropriate use of prophylaxis against opportunistic infections, and the approach to the care of an HIV-infected child with a febrile illness. 5. Understand how a microbiology laboratory functions, how a specimen is processed, and which treatment decisions can be based on data obtained from the microbiology lab.
Additional Preceptors:	Laura Sass, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 2, 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes

Night Call: No

Reporting Instructions: Contact Dr. Fisher two weeks prior to the start of the elective

Evaluation: Evaluation of students is based mostly upon clinical observation. No examination is administered.

Student Efforts

% of Time in Various Settings

Inpatient Care: 50%
Trauma/ICU: 0%
Outpatient: 50%

Activity Hours Per Week

Direct Patient Care: 36
Didactics: 1
Asynchronous: 3

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED409W4: Pediatric Hematology and Oncology

Course Director(s):	Katherine Watson, MD
Course Location:	Children's Hospital of the King's Daughters
Course Description:	The purpose of this elective is to provide the student with an opportunity for practical application of acquired knowledge and skills pertaining to pediatric hematology/oncology. The student's clinic time will be spent in the outpatient practice.
Learning Objectives:	By the completion of the elective, the student: 1. Evaluate a peripheral blood smear. 2. Work up a patient with a solid tumor. 3. Work up suspected anemia, leukemia, and coagulation disorders. 4. Diagnose and treat iron deficiency. 5. Diagnose and outline the management for the various sickle cell related complications. 6. Give the characteristics and common side effects of the chemo-therapeutic agents most often used in pediatric oncology. 7. Describe the principles of comprehensive management of the common pediatric malignancies. 8. Be knowledgeable in the functions of the pediatric hematologist/oncologist and how to consult with one effectively. Learning Activities: 1. Students will review peripheral blood and bone marrow smears on both current patients and learn physiologic aspects of pediatric hematology and oncology. 2. Students will participate in the pediatric tumor conferences. 3. Students will work closely with faculty and residents on a case basis in the outpatient area. 4. Student will receive interactive one on one or small group talks with attending physicians on topics of pediatric hematology/oncology.
Additional Preceptors:	Clyde Smith, MD; Eric Lowe, MD; Eric Werner, MD; Kevin Todd, MD; Linda Pegram, MD; Melissa Mark, MD; William Owen, MD; Wilson File, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Course director approval required
Visiting Students:	No
Night Call:	No
Reporting Instructions:	CHKD, Medical Staff Office Suite, 8:00 am (Monday, 7:45 am, Hematology/Oncology Clinic)

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 5%
Trauma/ICU: 0%
Outpatient: 95%

Activity Hours Per Week

Direct Patient Care: 35
Didactics: 5
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Palleria

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED410W4: Office Based Pediatrics

Course Director(s):	Elisa Young, MD
Course Location:	Liberty Pediatrics 12705 McManus Blvd, Newport News, VA 23602
Course Description:	This elective is being offered as an opportunity to obtain experience in a Pediatrician's office. Under the supervision of the pediatrician, the student will perform duties of a practicing pediatrician. The elective is designed to give the student considering a career in pediatrics the opportunity to further assess his/her interest in pediatric practice.
Learning Objectives:	By the completion of the elective, the student: Will demonstrate the ability to perform a detailed history and physical examination on children and adolescents Will demonstrate the ability to develop a differential diagnosis and to institute a detailed management plan for the pediatric patient.
Additional Preceptors:	Elisa Young, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 1, 5, 6, 7, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	12705 McManus Blvd, Newport News, VA 23602
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 0%	Direct Patient Care: 36
Trauma/ICU: 0%	Didactics: 4
Outpatient: 100%	Asynchronous: 0

Scheduling Contact

Course Coordinator: Melissa Kenner-Smith

Coordinator Email: Melissa.Kenner-Smith@chkd.org

Coordinator Phone: Not listed

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED411W4: Pediatric Gastroenterology, Hepatology and Nutrition

Course Director(s):	Rana F. Ammoury, MD Michael R. Konikoff, MD
Course Location:	Children's Hospital of the King's Daughters
Course Description:	A comprehensive rotation encompassing all aspects of the discipline of pediatric gastroenterology, hepatology and nutrition. The student will work with all age groups, from newborn to young adult, in the inpatient and outpatient setting. Travel to satellite offices is the student's option but it may help to optimize the overall experience. The student will observe procedures, such as endoscopy, dilation, manometry and liver biopsy. Attendance at all GI-related conferences is expected and a short oral presentation on a mutually agreed topic may be required.
Learning Objectives:	By the completion of the elective, the student: 1. To learn how to perform a comprehensive history and physical emphasizing all aspects of the gastrointestinal tract. 2. Understand the role of diagnostic testing in problems related to the GI tract. 3. Understand the physiology of the hepatobiliary system, pancreas, stomach, intestinal tract, etc. 4. Become familiar with the pathophysiology of common GI disorders in the pediatric population, such as vomiting, constipation, abdominal pain, diarrhea, hepatitis and inflammatory bowel disease. 5. To learn about nutrition as it relates to disease and health maintenance.
Additional Preceptors:	James Peterson, DNP; Mary Smith, PA-C; Melia Leisten, CPNP; Nancy Yokois, MD; Orhan Atay, MD; Sameer Lapsia, MD; V. Mark Tsou, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 2, 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Pediatric GI Outpatient Suite, 4th floor, CHKD, 0830

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 10%
Trauma/ICU: 0%
Outpatient: 90%

Activity Hours Per Week

Direct Patient Care: 36
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED412W2: Pediatric Nephrology

Course Director(s):	J. Bryan Carmody, MD
Course Location:	Children's Hospital of the King's Daughters
Course Description:	A comprehensive experience in pediatric nephrology. Includes daily inpatient rounds, consultations, outpatient clinics. Emphasis on clinical diagnosis and management of hypertension and acute and chronic renal diseases including fluid-electrolyte, acid-base, and kidney failure.
Learning Objectives:	1. To learn diagnostic criteria of pediatric renal disease. 2. To learn diagnostic criteria of acute renal failure. 3. To learn interpretation and clinical diagnosis of fluid and electrolyte disorders. 4. To learn interpretation and clinical diagnosis of acid-base disorders. 5. To learn management of acute and chronic renal failure. 6. To learn management of fluid electrolyte, acid-base disorders. 7. To observe special procedures such as renal biopsy, hemodialysis and peritoneal dialysis. 8. To learn anatomic and physiologic renal correlation with clinical diseases. Enabling Objectives: 1. Recognize differential diagnosis of acute and chronic renal failure and understand and organize management plans. 2. Utilize anatomic and physiologic correlation with diagnosis and treatment of disorders particularly glomerulopathies. 3. Diagnose fluid and electrolyte and acid-base disorders and formulate a management plan. 4. Be knowledgeable in the functions of the pediatric nephrologist and how to consult with one effectively.
Additional Preceptors:	Alexandra Idrovo, MD; Erika Rhone, MD; Irene Restaino, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Prior arrangement required
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Contact two weeks prior to the start of the elective
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 5%
Trauma/ICU: 0%
Outpatient: 95%

Activity Hours Per Week

Direct Patient Care: 35
Didactics: 5
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED413W2: Pediatric Rheumatology

Course Director(s):	Cassyanne Aguiar Lapsia, MD
Course Location:	Children's Hospital of The Kings Daughters CHKD Oakbrooke CHKD Kempsville CHKD Oyster Point
Course Description:	The student will learn: 1. Evaluation and treatment of patients with connective tissue diseases (e.g., vasculitis, systemic lupus erythematosus) and juvenile idiopathic arthritis. 2. To collect information and perform a relevant physical examination with respect to a variety of rheumatologic conditions. 3. Medications including oral DMARDS and the newer biological agents currently used in the treatment of rheumatologic conditions.
Learning Objectives:	By the completion of the elective, the student: 1. Obtain a targeted history from patients with rheumatologic diseases. 2. Perform a relevant physical examination with awareness of findings characteristic of rheumatic diseases. 3. Formulate a differential diagnosis of possible rheumatologic disorders. 4. Become proficient in rheumatologic evaluations 5. Understand the clinical use of corticosteroids, nonsteroidal anti-inflammatory agents, immunosuppressive agents used in rheumatologic disorders.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	Blocks 2-9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Course Director
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 10%
Trauma/ICU: 0%
Outpatient: 90%

Activity Hours Per Week

Direct Patient Care:
Didactics:
Asynchronous:

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-8572

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED413W4: Pediatric Rheumatology

Course Director(s):	Cassyanne Aguiar Lapsia, MD
Course Location:	Children's Hospital of The Kings Daughters CHKD Oakbrooke CHKD Kempsville CHKD Oyster Point
Course Description:	The student will learn: 1. Evaluation and treatment of patients with connective tissue diseases (e.g., vasculitis, systemic lupus erythematosus) and juvenile idiopathic arthritis. 2. To collect information and perform a relevant physical examination with respect to a variety of rheumatologic conditions. 3. Medications including oral DMARDS and the newer biological agents currently used in the treatment of rheumatologic conditions.
Learning Objectives:	By the completion of the elective, the student: 1. Obtain a targeted history from patients with rheumatologic diseases. 2. Perform a relevant physical examination with awareness of findings characteristic of rheumatic diseases. 3. Formulate a differential diagnosis of possible rheumatologic disorders. 4. Become proficient in rheumatologic evaluations 5. Understand the clinical use of corticosteroids, nonsteroidal anti-inflammatory agents, immunosuppressive agents used in rheumatologic disorders.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks 2-9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Course Director
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 10%
Trauma/ICU: 0%
Outpatient: 90%

Activity Hours Per Week

Direct Patient Care:
Didactics:
Asynchronous:

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-8572

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED414W4: Ambulatory Pediatric Medicine

Course Director(s):	John Harrington, MD
Course Location:	Children's Hospital of the King's Daughters
Course Description:	This elective is designed to give the student experience in the diagnosis and management of common acute illnesses in children, the essential features of well child and adolescent care including developmental assessment and health maintenance and common long-term illness management including ADHD and Asthma of children in the General Academic Pediatrics Outpatient Center. Students will be supervised by multiple pediatric attending physicians in the General Academic Pediatrics Outpatient Center.
Learning Objectives:	By the completion of the elective, the student: 1. The student shall demonstrate the skills and knowledge to perform a complete and detailed examination on a well-child 0-21 years of age. 2. The student shall become skilled in the performance of a complete developmental assessment on children under five years of age. 3. The student shall demonstrate the skills and knowledge to perform a complete and detailed examination on an acutely ill child or adolescent. 4. The student shall acquire the knowledge to develop a differential diagnosis and to institute a detailed management plan for the most commonly encountered acute illnesses. 5. The student shall become knowledgeable about the functions of the members of the pediatric health care delivery team. 6. Students will learn about what a Patient Centered Medical Home is and provide optimal care to patients diagnosed with asthma, ADHD and mental health problems. Learning Activities: 1. Students will have the opportunity to be closely supervised and assisted by the faculty in the delivery of acute care, well baby care, and general pediatric medicine. 2. Participate in continuity clinic curriculum via online http://pediatrics.evms.edu/residency/passport/index.html 3. Students will learn about vaccines and be supervised in giving IM and SQ injections of vaccines during their rotation in GAP.
Additional Preceptors:	Carolyn Moneymaker, MD; Dionne Palmer, MD; Heidi Flatin, MD; Michelle Brenner, MD; Natasha Sriraman, MD; Steve Restaino, DO; Tom Hubbard, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 2, 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None

Visiting Students: No

Night Call: No

Reporting Instructions: General Academic Pediatrics, CHKD Medical Tower II, 3rd and 4th floors, 9:00 AM

Evaluation: 90% clinical observation, 10% literature review and presentation of clinical topic

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 30
Didactics: 8-10
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED415W4: Pediatric Critical Care Medicine

Course Director(s): Chris Foley, MD

Course Location: Children's Hospital of the King's Daughters

Course Description: This elective is designed to familiarize the student with the subspecialty of pediatric critical care medicine. The student shall become familiar with the management of critically ill children who have a variety of medical and surgical problems. The student will be familiar with the social, ethical and medical-legal issues associated with the practice of critical care. The student will function as a house officer under the direct supervision of the attending and senior residents on the PICU service. The rotation allows flexibility in order to accommodate opportunities to go on pediatric transports or go into the operating room to observe surgery and/or anesthesia.

Learning Objectives: By the completion of the elective, the student: 1. Understand basic recognition, evaluation and appropriate intervention of an acute life threatening process. The student should develop an appreciation of resuscitative and support skills to achieve the initial stabilization of the critically ill child. 2. Understand basic pathophysiology of critical illness focusing primarily on the central nervous system, pulmonary system, cardiovascular system, hepatic system, renal system, nutrition and shock mechanisms. 3. Understand the basic appreciation of pharmacotherapy in critically ill children. Responsibilities: 1. The student will follow patients in the PICU under the supervision of a senior pediatric or ER resident and the PICU attending. Students will be expected to admit and work up patients assigned to them by the senior resident or PICU attending. These patients will be followed on a daily basis by the student. 2. Students will be required to present their patients on rounds. They should be able to discuss the patient's diagnosis and management plan under the supervision of a pediatric senior resident and the PICU attending. 3. Students will be responsible for initial admission notes, writing orders, daily progress notes, and communication with consultants and primary care physicians. 4. Students may be responsible for preparing or assisting with a case conference dealing with specific topics in ICU medicine. 5. Students may have an opportunity to assist or perform procedures in the PICU under the supervision of the PICU attending. Priority for procedures is given to pediatric and emergency medicine residents rotating through the PICU.

Additional Preceptors: Chie-Youn Shih, MD; Clyde Smith, MD; Diana Pang, MD; Jenna Fine, DO; Lara Mamikonian, MD; Meaghan Dominy, MD; Robert Gomez, MD; Thomas Cholis, MD

Course Details

Course Category: Critical Care, Elective

Course Type: Clinical

Course Length/Credit: 4 weeks

Blocks Offered: Blocks 2, 3, 4, 5, 6, 7, 8, 9

Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Pediatric Intensive Care Unit, 3rd Floor, CHKD at 7:15 am
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 100%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 50
Didactics: 10
Asynchronous: 0

Scheduling Contact

Course Coordinator:	Haree Pallera
Coordinator Email:	pedres@chkd.org
Coordinator Phone:	757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED416W4: Clinical Genetics

Course Director(s):	Samantha Vergano, MD
Course Location:	Children's Hospital of the King's Daughters
Course Description:	This elective provides the student with a comprehensive introduction to the field of clinical genetics. Students have the opportunity to learn about a range of genetic disorders, genetic diagnostics and genetic counseling by participating in the evaluation of children in inpatient and outpatient settings.
Learning Objectives:	By the completion of the elective, the student: 1. Recognize the special complexity of evaluating patients and families with a genetic disease 2. Learn the indications for genetic testing and recognize the challenges in the interpretation of genetic information 3. Learn how medical genetics relates to other areas of medicine, especially regarding the concept of individualized medicine 4. Provide clinical care for patients with rare or undiagnosed genetic disease in a research environment 5. Learn to take a complete genetic history and construct a 3 generation pedigree 6. Learn to develop a genetic-based differential diagnosis by understanding the main classifications of genetic and metabolic diseases 7. Learn how to distinguish benign from causal genomic variants 8. Effectively communicate genetic information to patients, families, the patient care team, and nursing staff 9. Be able to effectively use online resources to identify, treat, and teach others about genetic conditions
Additional Preceptors:	Brianna Murray, MS, CGC; Christopher Spencer, MSGC; Erin Swartz, MSGC; Lindsey Sawyer, MS, CGC

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 2, 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Call at least two weeks prior to the start of the elective
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 10%
Trauma/ICU: 5%
Outpatient: 85%

Activity Hours Per Week

Direct Patient Care: 30-40
Didactics: 1
Asynchronous: 5

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED419W4: Clinical Pediatric Neurology

Course Director(s):	Ryan Williams, MD
Course Location:	CHKD Health Center 850 Southampton Ave, Norfolk VA 23510 Community Physician Offices
Course Description:	Clinical experience with the wide spectrum of neurological disorders in children, including neuromuscular diseases, epilepsy, headache, brain tumors, neuro-degenerative diseases, and neonatal neurology.
Learning Objectives:	The student will do the following: 1. Acquire the fundamental skills of extracting a neurological history and performing a neurological examination. Receive exposure to the various aspects of neonatal neurology: neonatal seizures, intra-ventricular hemorrhage, infantile hypotonia, inborn errors of metabolism, CNS malformations. 2. Learn the concepts of epilepsy classification, diagnosis, investigation, and pharmacological management. 3. Learn to evaluate and manage children with developmental disabilities, cerebral palsy, mental retardation, autism, and learning disabilities. 4. Become familiar with common outpatient neurological problems of childhood, such as headache/migraine, muscular dystrophy, myasthenia, neuropathy, tics and other involuntary movements, and paroxysmal disorders. 5. Become comfortable with the immediate and urgent management of status epilepticus, ataxia, coma/altered consciousness, and meningitis/encephalitis. 6. Learn, through case study, to develop differential diagnoses for common pediatric neurological problems.
Additional Preceptors:	Crystal Proud, MD; Micheal Strunc, MD; Ralph Northam, MD; Sarah Chagnon, MD; Svinder Toor, MD; Thomas Enlow, MD; Wendy Edlund, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Pediatric Neuro-Developmental Center, 850 Southampton Avenue (South Campus) Child and Adolescent Neurology, third floor.

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 5%

Trauma/ICU: 0%

Outpatient: 95%

Activity Hours Per Week

Direct Patient Care: 32

Didactics: 10

Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED420W4: Pediatric Pulmonology

Course Director(s):	Jose Chocano, MD
Course Location:	Children's Hospital of the King's Daughters
Course Description:	The student will actively participate as a member of the division, on an outpatient basis. Student will either shadow or independently see patients in clinic. Inpatient time is to be expected when there are no clinics. Attendance at general pediatric conferences will be expected.
Learning Objectives:	1. Perform the initial assessment including history and clinical presentation and development of differential diagnoses for common outpatient pediatric diseases, including asthma, bronchopulmonary dysplasia, apnea, cystic fibrosis, and congenital anomalies of the pulmonary system. 2. Interpret common diagnostic tests including pulmonary function tests, chest x-ray, bronchoscopy findings, and blood studies for immune dysfunction.
Additional Preceptors:	Carlos Sendon, MD; Cynthia Epstein, MD; Jose Chocano, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Pediatric Pulmonary Office with Pulmonary Attending of the month
Evaluation:	Observation by Pulmonology Faculty including Frank Chocano, MD; Cynthia Epstein, MD

Student Efforts

% of Time in Various Settings

Inpatient Care: 5%
Trauma/ICU: 0%
Outpatient: 95%

Activity Hours Per Week

Direct Patient Care: 32
Didactics: 10
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera
Coordinator Email: pedres@chkd.org
Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED421W2: Allergy and Clinical Immunology

Course Director(s):	Lindsey Moore, DO
Course Location:	Children's Hospital of the King's Daughters
Course Description:	Student will be involved directly in the evaluation and management of patients with allergic and immunologic disorders, including asthma, allergic rhinitis, atopic dermatitis, contact dermatitis, urticaria, angioedema, food allergy, anaphylaxis, and recurrent infections. Knowledge and clinical experience will be obtained by learning to interpret blood levels for immune function, pulmonary function testing, skin testing, patch testing, and food challenges.
Learning Objectives:	Learning Objectives: 1. Understand how to recognize, evaluate, diagnose, and treat common allergic and immunologic disorders. 2. The learner will become familiar with common diagnostic tests and procedures used in the field of Allergy and Immunology 3. The learner will interpret when it is appropriate to refer a patient for evaluation by an Allergy/Immunology specialist.
Additional Preceptors:	Angela Hogan, MD; Clint Dunn, MD; Cynthia Kelly, MD; Kelly Maples, MD; Lauren Smith, MD; Lindsey Moore, DO; Maripaz Morales, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	Blocks 3, 7, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Pediatric Allergy/Immunology Clinic with the attending of the week (301 Riverview Avenue, 3rd floor)
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED421W4: Allergy and Clinical Immunology

Course Director(s):	Lindsey Moore, DO
Course Location:	Children's Hospital of the King's Daughters
Course Description:	Student will be involved directly in the evaluation and management of patients with allergic and immunologic disorders, including asthma, allergic rhinitis, atopic dermatitis, contact dermatitis, urticaria, angioedema, food allergy, anaphylaxis, and recurrent infections. Knowledge and clinical experience will be obtained by learning to interpret blood levels for immune function, pulmonary function testing, skin testing, patch testing, and food challenges.
Learning Objectives:	Learning Objectives: 1. Understand how to recognize, evaluate, diagnose, and treat common allergic and immunologic disorders. 2. The learner will become familiar with common diagnostic tests and procedures used in the field of Allergy and Immunology 3. The learner will interpret when it is appropriate to refer a patient for evaluation by an Allergy/Immunology specialist.
Additional Preceptors:	Angela Hogan, MD; Clint Dunn, MD; Cynthia Kelly, MD; Kelly Maples, MD; Lauren Smith, MD; Lindsey Moore, DO; Maripaz Morales, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 3, 7, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Pediatric Allergy/Immunology Clinic with the attending of the week (301 Riverview Avenue, 3rd floor)
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED422W4: Pediatric Emergency Medicine

Course Director(s): Nicole Schacherer, MD

Course Location: Children's Hospital of the King's Daughters

Course Description: This elective is located in the emergency department of the Children's Hospital of The King's Daughters. Students will be expected to see patients independently and then present the history, physical examination, assessment and plan to the ED attending physician in an efficient, organized manner. Participants in the elective will receive hands-on experience in managing a wide variety of medical and surgical problems that present to a busy pediatric emergency department. The ideal student for this rotation is one who is serious about experience in pediatric emergency medicine, can work independently and who is willing to work a full clinical schedule.

Learning Objectives:

1. Appreciate the specialty of pediatric emergency medicine and participate in the fullest to its practice
2. Develop a thorough systematic approach to pediatric emergency and the critically ill or injured pediatric patient
3. Demonstrate appropriate decision making for complex or critically ill pediatric patients who present to emergency department
4. Function in a multi-disciplinary team
5. Communicate plans and results of procedures and studies with patients and primary care physicians
6. Learn how to perform common procedures such as laceration repairs, incision and drainage of abscesses, pelvic exams, lumbar punctures, orthopedic reductions, and sedation

Additional Preceptors: Alexandra Leader, MD, MPH; Andrea Hornbuckle, MD; Anne McEvoy, MD; Bryan Upham, MD; Courtney Jacobs, MD; Dana Ramirez, MD; Eliza Foley, MD; Faiqa Qureshi, MD; James Burhop, DO; James Schmidt, MD; Joel Clingenpeel, MD; Kelli Petronis, MD; Kelly Vokoun, MD; Kim Schock, MD; Kristin Herbert, DO; Makayla Romboy, MD; Margaret Eason, MD; Melanie Weller, MD; Michael Poirier, MD; Michelle Arzubi-Hughes, DO; Michelle Georgia, DO; Nicholas White, MD; Nicole Schacherer, MD; Noelle Gabriel, MD; Omar Blanco, MD; Paul Mullan, MD; Rupa Kapoor, MD; Suzanne Sartori, MD; William Dalkin, MD

Course Details

Course Category: Ambulatory, Critical Care, Elective

Course Type: Clinical

Course Length/Credit: 4 weeks

Blocks Offered: Blocks 2, 3, 4, 5, 6, 7, 8, 9

Number of Students: 1 per block

Restrictions/Pre-Requisites: None

Visiting Students: Yes

Night Call: No

Reporting Instructions: Will be contacted by Dr. Schacherer approx 2-4 weeks prior to the start date to develop a schedule

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 20%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 32
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED426W2: Child Abuse Pediatrics

Course Director(s):	Cassandra Elverum, DMSc, MPAM, PA-C
Course Location:	CHKD Child Abuse Program 935 Redgate Ave, Norfolk, VA
Course Description:	During this observation-only rotation, students will become familiar with the forensic medical and mental health assessment of children with suspected sexual abuse, physical abuse, and/or neglect. Basic knowledge of child abuse pediatrics will be acquired via observation of inpatient and outpatient consultations, clinic appointments, and court testimony; attendance at multidisciplinary team meetings; and observation of program staff and faculty in a variety of disciplines performing evaluations.
Learning Objectives:	By the completion of the elective, the student will: 1. Understand the presentation and evaluation of child physical abuse cases, and be able to formulate a differential diagnosis for suspected abusive injuries. 2. Understand how to document injuries which are suspected to be the result of inflicted trauma. 3. Be able to perform a complete forensic genital examination on male and female children, and appropriately document findings. 4. Understand the dynamics of parent-child interactions. Understand the principles of forensic interview of children. 5. Understand the importance of domestic violence screening in child abuse. 6. Understand the reporting laws for child abuse. 7. Know the community resources available for the investigation of child abuse cases, including the function of a multidisciplinary team.
Additional Preceptors:	Dawn Scaff, MSN; Erinn Portnoy, LCSW; Hayley Sooknarine, MD; Kathy Phillips, BS

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	Blocks 2, 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Course Director approval required
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	935 Regate Aved
Evaluation:	80% clinical observation, 20% literature review and presentation of journal article or PowerPoint presentation.

Student Efforts

% of Time in Various Settings

Inpatient Care: 0-25%
Trauma/ICU: 0-25%
Outpatient: 25-50%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 2
Asynchronous: 10

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED426W4: Child Abuse Pediatrics

Course Director(s):	Cassandra Elverum, DMSc, MPAM, PA-C
Course Location:	935 Redgate Ave, Norfolk, VA
Course Description:	During this observation-only rotation, students will become familiar with the forensic medical and mental health assessment of children with suspected sexual abuse, physical abuse, and/or neglect. Basic knowledge of child abuse pediatrics will be acquired via observation of inpatient and outpatient consultations, clinic appointments, and court testimony; attendance at multidisciplinary team meetings; and observation of program staff and faculty in a variety of disciplines performing evaluations.
Learning Objectives:	By the completion of the elective, the student will: 1. Understand the presentation and evaluation of child physical abuse cases, and be able to formulate a differential diagnosis for suspected abusive injuries. 2. Understand how to document injuries which are suspected to be the result of inflicted trauma. 3. Be able to perform a complete forensic genital examination on male and female children, and appropriately document findings. 4. Understand the dynamics of parent-child interactions. Understand the principles of forensic interview of children. 5. Understand the importance of domestic violence screening in child abuse. 6. Understand the reporting laws for child abuse. 7. Know the community resources available for the investigation of child abuse cases, including the function of a multidisciplinary team.
Additional Preceptors:	Dawn Scaff, MSN; Erinn Portnoy, LCSW; Hayley Sooknarine, MD; Kathy Phillips, BS

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 2, 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Course Director approval required
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	935 Redgate Ave
Evaluation:	80% clinical observation, 20% literature review and presentation of journal article or PowerPoint presentation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0-25%
Trauma/ICU: 0-25%
Outpatient: 25-50%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 2
Asynchronous: 10

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED428W4: Pediatric Pain Medicine and Palliative Care

Course Director(s):	Ami Mehta, MD
Course Location:	Children's Hospital of the King's Daughters Potential for home visits
Course Description:	This elective provides the student with an introduction to the fields of pediatric pain management and pediatric palliative care. Students have the opportunity to learn about a variety of medical conditions requiring palliative care and pain management by participating in the evaluation of children in inpatient and outpatient settings.
Learning Objectives:	By the completion of the elective, the student: 1. Recognize the medical and psychosocial complexity of evaluating patients with palliative care and pain needs. 2. Learn an introduction to pain medication management, from over the counter medications, to opioids, to adjuvant therapies. 3. Learn the complexities of treating pain with opioids, and gain familiarity with different opioids, learn their pharmacologic properties and their clinical indications. 4. Learn to take a complete pain history and understand the pathophysiology of chronic pain. 5. Gain an understanding of the emotional, spiritual and psychosocial burden of a patient 6. Effectively communicate with families when discussing goals of care and conversations surrounding end of life. 7. Understand the concept of both pain management and palliative care as a team sport.
Additional Preceptors:	None

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Block 4
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Course Director approval required
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact the course director the Friday prior to your start date
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 50%
Trauma/ICU: 0%
Outpatient: 50%

Activity Hours Per Week

Direct Patient Care: 20-30
Didactics: 10
Asynchronous: 0

Scheduling Contact

Course Coordinator: Haree Pallera

Coordinator Email: pedres@chkd.org

Coordinator Phone: 757-668-9994

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED434W4: Office-based Pediatrics

Course Director(s):	Brent Thibodeaux, MD
Course Location:	Kaiser Permanente Medical Centers: Fair Oaks, Falls Church, Tysons Corner, Woodbridge
Course Description:	This elective is being offered as an opportunity to obtain clinical outpatient experience in an integrated healthcare system. Under the supervision of the pediatrician, the student will perform duties of a practicing pediatrician. This elective offers a realistic preparation for clinical practice more so than the traditional hospital clinic allowing a student considering a career in pediatrics the opportunity to further assess his/her interest in pediatric practice.
Learning Objectives:	1. The student shall demonstrate the skills and knowledge to perform a complete and detailed examination on a well-child 0-18 years of age. 2. The student shall become skilled in the performance of a complete developmental assessment on children under five years of age. 3. The student shall demonstrate the skills and knowledge to perform a complete and detailed examination on an acutely ill child or adolescent. 4. The student shall acquire the knowledge to develop a differential diagnosis and to institute a detailed management plan for the most commonly encountered acute illnesses. 5. The student shall become knowledgeable about the functions of the members of the pediatric health care delivery team.
Additional Preceptors:	Alexander Zhang, MD; Damien Parker, MD; Deepa Mony, MD; Gita Reddy, MD; Mona Iskander, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 3, 6, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Please see email sent by coordinator near start date for details
Evaluation:	Lead preceptor will provide feedback and evaluation based on observation and interactions with the student. Lead preceptor collects feedback and notes from other preceptors during rotation to provide a detailed, well-rounded evaluation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Jonathan Holland, MS
Coordinator Email: Jonathan.M.Holland@kp.org
Coordinator Phone: 301-816-5672

Hospital Site Compliance

Kaiser-Permanente

PED435W2: Pediatric Orthopedics

Course Director(s): James Bennett, MD

Course Location: Children's Hospital of The Kings Daughters CHKD Oakbrooke CHKD Kempsville CHKD Oyster Point

Course Description: In this course, students will learn how to diagnose and manage pediatric orthopedic conditions. A typical schedule includes: Mondays: students should plan to meet at CHKD at 0645 and then will head over to Kempsville at 0830. Tuesdays will be at Oyster Point at 0830. Wednesdays in the OR at CHKD main campus. Thursdays will be TBD (with other ortho MD). Fridays will be at Oakbrooke at 0700. Students should plan on having 1 day/week of home call at CHKD main campus and 1 weekend of home call starting at 1700 on Friday and ending on 0800 on Monday 1 time during the rotation at the main CHKD campus. Recommended Text is Surgical Exposures in Orthopaedics by Stanley Hoppenfeld. Dr. Gyr will provide students with further reading material.

Learning Objectives: By the completion of the elective, the student: 1. Gather the information necessary for care of a patient in a manner which is patient-centered, efficient and effective. 2. Formulate an appropriate assessment and develop an appropriate management plan for each patient. 3. Perform specified common procedures, demonstrating a knowledge of the indications, risks and benefits of the procedures in explanations to patients while appropriately obtaining informed consent. 4. Recognize when a patient is in a specific at-risk group and provide appropriate treatment and preventive measures. 5. Recognize patient safety issues and describe measures for preventing errors that may harm patients. 6. Demonstrate an understanding of the basic and clinical sciences necessary for medical practice. 7. Demonstrate a basic understanding of medical research principles. 8. Use information systems to optimize care delivery and improve outcomes. 9. For a given medical problem use evidence-based medicine principles to select the best diagnostic and therapeutic plans. 10. Demonstrate effective interpersonal and communication skills with patients and their families. 11. Present to other health care providers a concise, orderly and coherent oral and written communication of the patient's unique clinical presentation in a manner appropriate to the clinical context. 12. Demonstrate an ethical and professional attitude toward patients and their care. 13. Function effectively as a member of the health care team, respecting the roles and skills of other team members, communicating appropriately and working effectively within the team. 14. Demonstrate a recognition of one's own limitations and a commitment to professional growth. 15. Identify/recruit family or community resources and/or services of other members of the health care team for optimal patient care. 16. Discuss important issues in the health care system beyond the practice site. 17. Participate in and learn the value of service learning opportunities.

Additional Preceptors: None

Course Details

Course Category: Ambulatory, Elective

Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	Blocks 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	Yes
Reporting Instructions:	CHKD 3rd floor PICU conference room at 0630
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 20%
Trauma/ICU: 10%
Outpatient: 70%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 2
Asynchronous: 0

Scheduling Contact

Course Coordinator:	Jennifer Gordon
Coordinator Email:	jennifer.gordon@chkd.org
Coordinator Phone:	767-668-6550

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED435W4: Pediatric Orthopedics

Course Director(s): Bettina Gyr, MD

Course Location: Children's Hospital of The Kings Daughters CHKD Oakbrooke CHKD Kempsville CHKD Oyster Point

Course Description: In this course, students will learn how to diagnose and manage pediatric orthopedic conditions. A typical schedule includes: Mondays: students should plan to meet at CHKD at 0645 and then will head over to Kempsville at 0830. Tuesdays will be at Oyster Point at 0830. Wednesdays in the OR at CHKD main campus. Thursdays will be TBD (with other ortho MD). Fridays will be at Oakbrooke at 0700. Students should plan on having 1 day/week of home call at CHKD main campus and 1 weekend of home call starting at 1700 on Friday and ending on 0800 on Monday 1 time during the rotation at the main CHKD campus. Recommended Text is Surgical Exposures in Orthopaedics by Stanley Hoppenfeld. Dr. Gyr will provide students with further reading material.

Learning Objectives: By the completion of the elective, the student: 1. Gather the information necessary for care of a patient in a manner which is patient-centered, efficient and effective. 2. Formulate an appropriate assessment and develop an appropriate management plan for each patient. 3. Perform specified common procedures, demonstrating a knowledge of the indications, risks and benefits of the procedures in explanations to patients while appropriately obtaining informed consent. 4. Recognize when a patient is in a specific at-risk group and provide appropriate treatment and preventive measures. 5. Recognize patient safety issues and describe measures for preventing errors that may harm patients. 6. Demonstrate an understanding of the basic and clinical sciences necessary for medical practice. 7. Demonstrate a basic understanding of medical research principles. 8. Use information systems to optimize care delivery and improve outcomes. 9. For a given medical problem use evidence-based medicine principles to select the best diagnostic and therapeutic plans. 10. Demonstrate effective interpersonal and communication skills with patients and their families. 11. Present to other health care providers a concise, orderly and coherent oral and written communication of the patient's unique clinical presentation in a manner appropriate to the clinical context. 12. Demonstrate an ethical and professional attitude toward patients and their care. 13. Function effectively as a member of the health care team, respecting the roles and skills of other team members, communicating appropriately and working effectively within the team. 14. Demonstrate a recognition of one's own limitations and a commitment to professional growth. 15. Identify/recruit family or community resources and/or services of other members of the health care team for optimal patient care. 16. Discuss important issues in the health care system beyond the practice site. 17. Participate in and learn the value of service learning opportunities.

Additional Preceptors: James Bennett, MD

Course Details

Course Category: Ambulatory, Elective

Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	Yes
Reporting Instructions:	CHKD 3rd floor PICU conference room at 0630
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 20%
Trauma/ICU: 10%
Outpatient: 70%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 2
Asynchronous: 0

Scheduling Contact

Course Coordinator:	Jennifer Gordon
Coordinator Email:	jennifer.gordon@chkd.org
Coordinator Phone:	767-668-6550

Hospital Site Compliance

Children's Hospital of the King's Daughters

PED436L2: Virtual Pediatric Critical Care

Course Director(s):	A. Brooke Hooper, MD
Course Location:	Virtual
Course Description:	Designed to better prepare students, residents, and fellows to contribute to the diagnosis and management of the critically ill pediatric patient during their pediatric intensive care unit rounds. This virtual course features professionally-narrated modules with clear learning objectives, engaging case studies, interactive questions, and a list of additional resources for further exploration. An extensive topic selection is covered with lectures developed by content experts on each subject. There are two components to this course: 1. Online Modules 2. Skills-Based Sessions Students will need to successfully complete both components of the course. The skills-based sessions will be available as sessions during the TIPS: Residency weeks in Block 10.
Learning Objectives:	Upon completion of the course, participants should be able to: 1. Recognize emergent conditions and describe appropriate interventions 2. Analyze case scenarios and explain treatment options 3. Recommend treatment strategies for critically ill patients based on medical history, physical examination, and diagnostic data
Additional Preceptors:	None

Course Details

Course Category:	Critical Care, Elective
Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 2 weeks credit
Blocks Offered:	All Blocks
Number of Students:	Unlimited students
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact the course coordinator for more information and log-in information. www.mysccm.org
Evaluation:	Successful completion of the virtual course and skills-based sessions

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 0
Didactics: 5
Asynchronous: 20-30

Scheduling Contact

Course Coordinator: Stephanie Outlaw
Coordinator Email: OutlawSD@EVMS.EDU
Coordinator Phone: 757-446-8906

Hospital Site Compliance

Non-hospital experience

PED998W2: Pediatric Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Pediatric elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PED998W4: Pediatric Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Pediatric elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

PED999W2: Pediatric Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Pediatric elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PED999W4: Pediatric Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Pediatric elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Physical Medicine & Rehabilitation

PMR400W2: Physical Medicine and Rehabilitation

Course Director(s): Antonio Quidgley-Nevaras, MD

Course Location: Andrews Hall, 3rd Floor, EVMS

Course Description: Flexible inpatient and/or outpatient clinical experiences for adult physical medicine and rehabilitation. Inpatient rehabilitation of stroke, head injury, spinal cord injury, amputee and other orthopedic and neurologic disorders. Outpatient musculoskeletal and pain management including manipulation, acupuncture, epidurals and nerve blocks. Specialty clinics for spinal cord injury, muscular dystrophy, spasticity and cerebral palsy and head injury. Electrodiagnostic evaluation of muscle and nerve disorders.

Learning Objectives:

1. Exposure to rehabilitation medicine holistic evaluation of patient. Assessment of illnesses and their effects on the basic daily functional activities, mobility, and social roles of individuals and their families.
2. Exposure to prescription of physical therapy, speech therapy, occupational therapy, cognitive therapy, recreational therapy and psychotherapy for inpatients and outpatients with disabling disorders.
3. Exposure to focused musculoskeletal physical examinations and assessments of sports and work related injuries.
4. Exposure to management of acute and chronic pain syndromes including use of medications, exercise, manipulation, modalities, acupuncture and epidurals.
5. Exposure to acute inpatient rehabilitation team management for patients with stroke, head injury, spinal cord injury, cancer, amputations, orthopedic and neurologic injuries.
6. Exposure to vocational rehabilitation and disability assessments.
7. Exposure to electrodiagnostic assessments of nerve entrapments, nerve injuries, radiculopathies, neuropathies, myopathies, and spinal cord disorders.
8. Exposure to prescription of bracing for neck and back injuries, gait disorders and upper extremity disorders.
9. Exposure to prescription of assistive devices for mobility (crutches, walkers, wheelchairs) and activities of daily living (reachers, adaptive utensils, bathroom equipment).
10. Exposure to cardiac, pulmonary and cancer rehabilitation.

At the end of this elective, the student will be able to:

1. Able to assess functional status of individuals with injuries and illnesses.
2. Able to state the roles of the physical therapist, occupational therapist, speech therapist, rehabilitation nurse, recreational therapist, psychologist and social worker on the inpatient rehabilitation team.
3. Able to perform basic musculoskeletal and neurologic physical examinations.
4. Able to state the common indications for electrophysiologic studies.
5. Able to prescribe appropriate assistive gait devices and knowledgeable of when to request evaluation for bracing, prostheses and adaptive equipment.
6. Knowledgeable of potential psychological and social consequences of injuries and illnesses.

Additional Preceptors: Beverly Roberts-Atwater, DO; Maria DeGuzman, MD; Sun Kwon, MD

Course Details

Course Category: Ambulatory, Elective

Course Type: Clinical

Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Department of PM&R, Andrews Hall
Evaluation:	1:1 evaluation and test

Student Efforts

% of Time in Various Settings

Inpatient Care: 50%
Trauma/ICU: 0%
Outpatient: 50%

Activity Hours Per Week

Direct Patient Care: 36
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator:	Adrian Lucas
Coordinator Email:	LucasAA@evms.edu
Coordinator Phone:	757-446-5915

Hospital Site Compliance

Sentara, Norfolk General Hospital

PMR400W4: Physical Medicine and Rehabilitation

Course Director(s): Antonio Quidgley-Nevarres, MD

Course Location: Andrews Hall, 3rd Floor, EVMS

Course Description: Flexible inpatient and/or outpatient clinical experiences for adult physical medicine and rehabilitation. Inpatient rehabilitation of stroke, head injury, spinal cord injury, amputee and other orthopedic and neurologic disorders. Outpatient musculoskeletal and pain management including manipulation, acupuncture, epidurals and nerve blocks. Specialty clinics for spinal cord injury, muscular dystrophy, spasticity and cerebral palsy and head injury. Electrodiagnostic evaluation of muscle and nerve disorders.

Learning Objectives:

1. Exposure to rehabilitation medicine holistic evaluation of patient. Assessment of illnesses and their effects on the basic daily functional activities, mobility, and social roles of individuals and their families.
2. Exposure to prescription of physical therapy, speech therapy, occupational therapy, cognitive therapy, recreational therapy and psychotherapy for inpatients and outpatients with disabling disorders.
3. Exposure to focused musculoskeletal physical examinations and assessments of sports and work related injuries.
4. Exposure to management of acute and chronic pain syndromes including use of medications, exercise, manipulation, modalities, acupuncture and epidurals.
5. Exposure to acute inpatient rehabilitation team management for patients with stroke, head injury, spinal cord injury, cancer, amputations, orthopedic and neurologic injuries.
6. Exposure to vocational rehabilitation and disability assessments.
7. Exposure to electrodiagnostic assessments of nerve entrapments, nerve injuries, radiculopathies, neuropathies, myopathies, and spinal cord disorders.
8. Exposure to prescription of bracing for neck and back injuries, gait disorders and upper extremity disorders.
9. Exposure to prescription of assistive devices for mobility (crutches, walkers, wheelchairs) and activities of daily living (reachers, adaptive utensils, bathroom equipment).
10. Exposure to cardiac, pulmonary and cancer rehabilitation.

At the end of this elective, the student will be able to:

1. Able to assess functional status of individuals with injuries and illnesses.
2. Able to state the roles of the physical therapist, occupational therapist, speech therapist, rehabilitation nurse, recreational therapist, psychologist and social worker on the inpatient rehabilitation team.
3. Able to perform basic musculoskeletal and neurologic physical examinations.
4. Able to state the common indications for electrophysiologic studies.
5. Able to prescribe appropriate assistive gait devices and knowledgeable of when to request evaluation for bracing, prostheses and adaptive equipment.
6. Knowledgeable of potential psychological and social consequences of injuries and illnesses.

Additional Preceptors: Beverly Roberts-Atwater, DO; Maria DeGuzman, MD; Sun Kwon, MD

Course Details

Course Category: Ambulatory, Elective

Course Type: Clinical

Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Department of PM&R, Andrews Hall
Evaluation:	1:1 evaluation and test

Student Efforts

% of Time in Various Settings

Inpatient Care: 50%
Trauma/ICU: 0%
Outpatient: 50%

Activity Hours Per Week

Direct Patient Care: 36
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator:	Adrian Lucas
Coordinator Email:	lucasAA@evms.edu
Coordinator Phone:	757-446-5915

Hospital Site Compliance

Sentara, Norfolk General Hospital

PMR402W2: Physical Medicine and Rehabilitation

Course Director(s):	Steven Gershon, MD
Course Location:	Gershon Pain Specialists 1133 First Colonial Road, Virginia Beach
Course Description:	Outpatient musculoskeletal and interventional pain management including joint injections, Botox, trigger point injections, viscos-supplementation, prolo-therapy, neural prolotherapy, manipulation, facet injections, radio frequency ablations, kyphoplasty, spinal cord stimulator trials, epidurals and nerve blocks. Electrodiagnostic evaluation of muscle and nerve disorders. Gain exposure to any active ongoing research. Additional exposure to bio-identical hormone replacement therapy is an additional offering at this clinic.
Learning Objectives:	1. Exposure to rehabilitation medicine holistic evaluation of patients. 2. Learn how to perform a comprehensive musculoskeletal exam including, spine, shoulder, elbow, hand wrist, hip, knee ankle and foot. 3. Gain exposure the hands on physical therapy and learn how to write specific PT orders. 4. Exposure to prescription of neuropathic medications and learn how to avoid opioid prescribing 5. Assessments of sports and work related injuries. 6. Exposure to management of acute and chronic pain syndromes including use of medications, exercise, manipulation, modalities, and epidurals. 7. Exposure to vocational rehabilitation and disability assessments. 8. Exposure to electrodiagnostic assessments of nerve entrapments, nerve injuries, radiculopathies, neuropathies, myopathies, and spinal cord disorders. 9. Exposure to prescription of bracing for neck and back injuries, gait disorders and upper extremity disorders. 10. Optional exposure to bio-identical hormone replacement therapy. At the end of this elective, the student will be able to: 1. Assess functional status of individuals with injuries and illnesses. 2. Perform basic musculoskeletal and neurologic physical examinations. 3. State the common indications for electrophysiologic studies. 4. Form differential diagnosis for all musculoskeletal conditions 5. Understand how EMG's are performed and rationale for ordering them.
Additional Preceptors:	Derrick Wagoner, MD

Course Details

Course Category:	Ambulatory, Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No

Night Call: No

Reporting Instructions: Contact Course Director

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 0%	Direct Patient Care: 40
Trauma/ICU: 0%	Didactics: 0
Outpatient: 100%	Asynchronous: 0

Scheduling Contact

Course Coordinator: Erika Dorrman

Coordinator Email: EDorrman@gershonpain.com

Coordinator Phone: Not listed

Hospital Site Compliance

Non-hospital experience

PMR998W2: PM&R Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Physical Medicine and Rehabilitation elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PMR998W4: PM&R Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Physical Medicine and Rehabilitation elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

PMR999W2: PM&R Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Physical Medicine and Rehabilitation elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PMR999W4: PM&R Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Physical Medicine and Rehabilitation elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Plastic Surgery

PLS998W2: Plastic Surgery Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Plastic Surgery elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PLS998W4: Plastic Surgery Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Plastic Surgery elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

PLS999W2: Plastic Surgery Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Plastic Surgery elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PLS999W4: Plastic Surgery Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Plastic Surgery elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Psychiatry & Behavioral Sciences

PSY407W4: Acting Internship in Psychiatry

Course Director(s):	Jessica Mees-Campbell, MD Nana K Cudjoe, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	This course is designed for seniors wishing for a sub-internship experience in Inpatient Psychiatry prior to beginning residency in Psychiatry. The purpose of this rotation is to provide increasing amounts of responsibility for treating psychiatric inpatients. The student will act as an intern with primary responsibility for patient care including evaluation and treatment.
Learning Objectives:	1. To be able to complete a full psychiatric evaluation and interview and determine the initial treatment for a psychiatric inpatient. 2. To be able to evaluate on an emergency or walk-in basis the appropriate intervention and/or treatment needed at that time. 3. To be able to recognize clinical indications for psychotropic agents and recommend several choices in terms of their different risks and benefit to profiles for individual patients. 4. To work as an effective member of the psychiatric inpatient team with primary responsibility for assigned patients. 5. To begin to understand the basics of supportive psychotherapy. 6. To be able to create written documentation, the form of Psychiatric Evaluation/Daily Progress Notes/Discharge Summaries, at the level of a Psychiatry resident.
Additional Preceptors:	None

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 1, 2, 3, 4, 5, 6
Number of Students:	2 per block
Restrictions/Pre-Requisites:	Students must be intending to enter Psychiatry Residency upon graduation. Applicants should contact Dr. Petri via email to outline their interest in this elective prior to scheduling.
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Sentara, Norfolk General Hospital, 8 North Unit at 8AM
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 30
Didactics: 2
Asynchronous: 0

Scheduling Contact

Course Coordinator: Margaret Meynardie

Coordinator Email: meynarm@evms.edu

Coordinator Phone: 757-446-7189

Hospital Site Compliance

Sentara, Norfolk General Hospital

PSY412W4: Psychiatry Acting Internship (VA)

Course Director(s):	Armin Ansari, MD
Course Location:	Veteran's Affairs Medical Center, Hampton
Course Description:	<p>This course is designed for seniors wishing for a sub-internship experience in Inpatient Psychiatry prior to beginning residency in Psychiatry. However, students entering the Primary Care field, who want further experience recognizing and assessing mental illness should also apply. Cases of greater interest in maximizing the educational objectives and that meet the student interests will be selected. Particular areas of interest can include Substance (alcohol or Illicit Substances), Use Disorders, Neurocognitive Disorders (Dementia), Psychotic Disorders, Mood Disorders, Anxiety Disorders, Post Traumatic Stress Disorder or Personality Disorders. The Biopsychosocial model is used with a crisis intervention approach. Brief stabilization is followed by return to the community or non-acute level of care. Under the psychiatrist's supervision, the student would be responsible for assessing the patient and implementing their own treatment plan. The student would follow the response to treatment, updating or modifying the plan as required.</p>
Learning Objectives:	<p>Goal: To enhance ones understanding of the nature and treatment of psychiatric illness by treating individuals with addictions and mental illness on an adult patient. Objectives: 1. The student will master the interviewing skills and complete a detailed psychiatric evaluation that includes the biopsychosocial underpinnings and arriving at a comprehensive treatment plan for the psychiatric inpatient. 2. The student will recognize clinical indications for psychotropic agents and recommend several options in terms of their different risks and benefit to profiles for individual patients. 3. The student will work as an effective member of the psychiatric inpatient team with primary responsibility for assigned patients. 4. The student will begin to understand the basics of supportive psychotherapy.</p>
Additional Preceptors:	Charmaine Silva-Gata, MD; Gregg Briscoe, MD; Shaista Ashai, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 1, 2, 3, 4, 7,8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No

Night Call: No

Reporting Instructions: Psychiatry Office, Bldg. 137 Room B101, Mr. William Bower or Ms. Kelli Jackson for orientation. Call the Psychiatry Office 722-9961 ex 3585 several weeks ahead for required training and computer codes.

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Margaret Meynardie

Coordinator Email: meynarm@evms.edu

Coordinator Phone: 757-446-7189

Hospital Site Compliance

Veteran's Affairs Medical Center, Hampton

PSY416W4: Psychiatry (NMCP)

Course Director(s):	Stuart Kylo. MD, LCDR MC USN
Course Location:	Naval Medical Center Portsmouth
Course Description:	The rotation is focused on developing an understanding of the major mental illnesses from the biopsychosocial perspective and serving as an introduction to their treatment. The student will work directly with staff and residents to gain exposure to both inpatient and consult liaison psychiatry. The student will also be involved in the unique disposition planning of the military. Additional experiences in outpatient, child/adolescent psychiatry and substance use disorder treatment may be available for half day and full day experiences during the rotation if discussed with the course director and able to be accommodated during the time of the rotation.
Learning Objectives:	1. To advance data gathering talents, and interviewing skills. 2. To practice composing coherent and thoughtful assessments. 3. To develop the habit of reciting concise oral presentations of cases. 4. To advance differential diagnoses abilities, and ideas for treatment. 5. To learn how to address the needs of both the patient and the medical-surgical team. 6. To gain knowledge about the psychiatric needs of medically ill patients. 7. To apply medical, legal, and ethical principles in the psychiatric management of the physically ill patient.
Additional Preceptors:	Ed Gatewood, MD; Gail Manos, MD; Hamid Tavakoli, MD; Ian Chapel, MD; Jessica Gurley, MD; Joseph B Clem, MD; Michael Downs, MD; Miranda Chakos, MD; Richard Ellis, MD; Robert Marietta, MD; Sallyanne Pyle, DO; Steven Miller, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Priority given to HPSP students July-October. To request this elective visit https://portsmouth.tricare.mil/Research-Education/Graduate-Medical-Education-Dental-Programs . Click on "Request for Clerkship/Interview" in the bottom left corner. The page that loads provides instructions on the email to contact as well as information requested in the email.
Visiting Students:	No
Night Call:	No

Reporting Instructions: Graduate Medical Education Office, Bldg. #3, 3rd floor at 8:00 am on first day of rotation for check in documents

Evaluation: Based on core competencies endorsed by ACGME:

1. Patient Care
2. Medical Knowledge
3. Practice-based Learning and Improvement
4. Interpersonal and Communication Skills
5. Professionalism

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 0
Asynchronous: 0

Scheduling Contact

Course Coordinator: Margaret Meynardie

Coordinator Email: meynarm@evms.edu

Coordinator Phone: 757-446-7189

Hospital Site Compliance

Naval Medical Center Portsmouth

PSY419W4: Army Psychiatry

Course Director(s): Kathleen Stack, MD

Course Location: Fort Eustis

Course Description: Military outpatient mental health care is different than general outpatient care in several ways. The population is generally physically healthy and younger. The goal of treatment is not only symptom improvement, but evaluation of fitness for duty. These psychiatric military occupational evaluations are not conducted in the civilian sector. Focus will be on new patient evaluations conducted in the outpatient setting. Will also include some experience with the substance use disorder treatment in the military setting and a portion of the rotation encompasses the Integrated Disability Examination System. ** While under COVID-19 limitations and social distancing requirements, this site cannot provide direct patient care observation and supervision. For an alternative experience, we can offer a brief elective focused on research and presentation on topics related to Military Health Care Issues. With the goal of submission of a presentation or article for scientific review. Elective can be 2-4 weeks based on the availability of our staff and the M-4's schedule which should be worked out in advance.

Learning Objectives: The educational focus of the experience would be to: 1. Become familiar with the lexicon and the unique nuances of Army Service Members Mental Health Care 2. Identify the unique treatment issues present in the active duty population. 3. Obtain a full and accurate history including deployments, Combat Trauma and Other Human Trauma Exposures unique to this patient population and present cases in oral and written form. 4. Learn to evaluate for appropriate level of care within the military system. 5. Utilize the electronic medical record system of the Army and the Behavioral Health Data Platform for self-reported symptoms using well standardized instruments.

Additional Preceptors: Elizabeth Calvano, LCSW; Jose Edwin Nieves, MD; Rosemary Jackson, NP

Course Details

Course Category: Ambulatory, Elective

Course Type: Clinical

Course Length/Credit: 4 weeks

Blocks Offered: All Blocks

Number of Students: 1 per block

Restrictions/Pre-Requisites: Students must have received the COVID vaccine and current flu shot and proof thereof. Must have HIPAA training certificate which is current, valid drivers license, proof of insurance and vehicle registration, and current BLS. Before scheduling for this rotation, please check with course director to assure that staff will be present to provide supervision and to discuss HEPCON access to the post.

Visiting Students: No

Night Call: No

Reporting Instructions: Ft. Eustis building 502, 7:30 am

Evaluation: Based on core competencies endorsed by ACGME:

1. Patient Care
2. Medical Knowledge
3. Practice-based Learning and Improvement
4. Interpersonal and Communication Skills
5. Professionalism

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 0-30

Didactics: 10-30

Asynchronous: 10

Scheduling Contact

Course Coordinator: Margaret Meynardie

Coordinator Email: meynarm@evms.edu

Coordinator Phone: 757-446-7189

Hospital Site Compliance

Other- not listed

Other Health System CAC card and Army training and compliance requirements

PSY421W4: Emergency Psychiatry

Course Director(s):	Abigail Mansfield, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	<p>This course is based at the SNGH Emergency Room. The rotation affords students the opportunity to evaluate a broad spectrum of psychiatric patients, many of whom are in acute crisis. Under the supervision of residents and attending staff, students learn the principles and techniques of crisis intervention, rapid psychiatric evaluation, risk assessment, emergency psychopharmacology, and therapeutic approaches used in the acute ambulatory care setting. In addition, students participate in teaching conferences, ER rounds, departmental grand rounds, and morbidity and mortality conferences. Students must give a brief presentation on a relevant clinical topic of their interest during the final week of the rotation. In addition, the student must submit 2 patient consultation notes for review and feedback from the ER attending.</p>
Learning Objectives:	<ol style="list-style-type: none">1. Perform a complete, accurate, rapid initial psychiatric history and mental status examination2. Recognize common signs and symptoms of medical and psychiatric illness in the emergency department context in order to accurately triage and manage patients3. Distinguish psychiatric presentations from other medical presentations by performing appropriate examinations, ordering diagnostic studies, and consulting with other physicians as needed4. Formulate treatment plans for initial and continuing care of patients5. Learn the evidence base for the acute management of psychiatric disorders6. Learn the evidence base used to guide assessments of risk and disposition decisions7. Become familiar with forensic issues relevant to psychiatric care in the acute setting
Additional Preceptors:	Other Social Workers

Course Details

Course Category:	Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	Blocks 3, 4, 5, 6, 7, 8, 9
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes

Night Call: No

Reporting Instructions: EVMS Hofheimer Hall, Suite 710, 9 AM

Evaluation: 100% clinical observation: Students are evaluated on their ability to complete and present a thorough yet focused consultation, which includes an accurate and descriptive mental status exam. Students are evaluated on their ability to establish rapport with patients, conduct effective interviews, gather relevant information and present in a cohesive spoken and written manner. Students are evaluated on their ability to perform a thorough safety evaluation, including understanding risk factors for potential harm toward self and others. Students are expected to demonstrate basic knowledge of psychiatric disease. Students should participate actively every day, arriving on time and working through the shift. Students should be courteous and respectful to patients, residents, and staff. Students are expected to demonstrate the ability to research a well-defined clinical topic of their choosing and present the relevant facts and theories in a clear, concise, and effective manner.

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 20
Didactics: 5
Asynchronous: 5

Scheduling Contact

Course Coordinator: Margaret Meynardie

Coordinator Email: meynarm@evms.edu

Coordinator Phone: 757-446-7189

Hospital Site Compliance

Sentara, Norfolk General Hospital

PSY422W2: Inpatient Psychiatry

Course Director(s): James C. Rapley, MD, FAPA

Course Location: Sentara Norfolk General Hospital, 6N

Course Description:

I. Medical Knowledge a. Understand DSM-V criteria and its involvement in recognizing psychiatric illnesses in the adult population, including Mood Disorders, Anxiety Disorders, Psychotic Illnesses, Personality Disorders, as well as Neurologic and Medical conditions that may be associated with these illnesses. b. Become familiar with the use of non-pharmacologic measures and psychopharmacology for treatment of behavioral disturbances in the inpatient setting. c. Recognize various approaches to gain a better understanding of the patient and adjust pharmacologic and psychotherapeutic approaches to individual patients accordingly. d. Independently research, utilize, and incorporate educational resources in the field of Adult Psychiatry and Psychology. Make appropriate patient care decisions and educate patients, caregivers, and treatment team members to achieve optimal long-term outcomes. e. Demonstrate the ability to utilize various outcome measures to assess and adjust treatment approaches to best suit each patient. II. Patient Care a. Expand and enhance skills related to establishing a therapeutic alliance, motivational interviewing, and brief psychotherapy. Make optimal treatment decisions (provide psycho-education to patients/ caregivers, order appropriate and timely diagnostic studies, etc.). b. Demonstrate proficiency in medication and psychotherapeutic management and clinical monitoring of adult patients in the hospital setting. c. Utilize rating scales to objectively evaluate psychiatric symptoms and adjust the psychopharmacologic and/or psychotherapeutic approaches to optimize patient care. III. Interpersonal and Communication Skills a. Exhibit effective communication with patients, subordinates, peers, attendings, and members of the treatment and interdisciplinary teams. b. Demonstrate competence in both motivating and educating patients, caregivers, and treatment team members. c. Note: Exceptional communication facilitates transparency and fosters trust. IV. Professionalism a. Foster successful working relationships with students, peers, and supervisors/attending physicians, consulting services and members of the treatment team. b. Demonstrate motivation for self-study and the ability to share and effectively apply new concepts. c. Participate and assist in court commitment, medication, and ECT hearings and interact effectively with attorneys and magistrates involved in patient cases if required. V. Practice-Based Learning and Improvement a. Practice diagnosis and management of psychiatric conditions in the inpatient setting. b. Organize and improve the use of interdisciplinary care of adult patients. c. Practice various medical and psychotherapeutic approaches and measures to enhance patient wellbeing, compliance, and personal performance. d. Practice the skills of physician leadership in the acute inpatient setting. VI. Systems-Based Practice a. Work effectively in the inpatient setting and understand other systems relevant to outcome-based adult psychiatry. b. Coordinate patient care within the inpatient and community health care system. c. Incorporate considerations of cost awareness and risk-benefit analysis inpatient care. d. Advocate interdisciplinary care and psycho-education to enhance patient safety and improve patient care quality.

Learning Objectives: See course description

Additional Preceptors: None

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	2 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	Yes
Reporting Instructions:	Contact the course coordinator for reporting instructions.
Evaluation:	100% Clinical Evaluation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 100%	Direct Patient Care: 40
Trauma/ICU: 0%	Didactics: 0
Outpatient: 0%	Asynchronous: 0

Scheduling Contact

Course Coordinator:	Margaret Meynardie
Coordinator Email:	MeynarM@EVMS.EDU
Coordinator Phone:	757-446-5866

Hospital Site Compliance

Sentara, Norfolk General Hospital

PSY422W4: Inpatient Psychiatry

Course Director(s): James C. Rapley, MD, FAPA

Course Location: Sentara Norfolk General Hospital, 6N

Course Description:

I. Medical Knowledge a. Understand DSM-V criteria and its involvement in recognizing psychiatric illnesses in the adult population, including Mood Disorders, Anxiety Disorders, Psychotic Illnesses, Personality Disorders, as well as Neurologic and Medical conditions that may be associated with these illnesses. b. Become familiar with the use of non-pharmacologic measures and psychopharmacology for treatment of behavioral disturbances in the inpatient setting. c. Recognize various approaches to gain a better understanding of the patient and adjust pharmacologic and psychotherapeutic approaches to individual patients accordingly. d. Independently research, utilize, and incorporate educational resources in the field of Adult Psychiatry and Psychology. Make appropriate patient care decisions and educate patients, caregivers, and treatment team members to achieve optimal long-term outcomes. e. Demonstrate the ability to utilize various outcome measures to assess and adjust treatment approaches to best suit each patient. II. Patient Care a. Expand and enhance skills related to establishing a therapeutic alliance, motivational interviewing, and brief psychotherapy. Make optimal treatment decisions (provide psycho-education to patients/ caregivers, order appropriate and timely diagnostic studies, etc.). b. Demonstrate proficiency in medication and psychotherapeutic management and clinical monitoring of adult patients in the hospital setting. c. Utilize rating scales to objectively evaluate psychiatric symptoms and adjust the psychopharmacologic and/or psychotherapeutic approaches to optimize patient care. III. Interpersonal and Communication Skills a. Exhibit effective communication with patients, subordinates, peers, attendings, and members of the treatment and interdisciplinary teams. b. Demonstrate competence in both motivating and educating patients, caregivers, and treatment team members. c. Note: Exceptional communication facilitates transparency and fosters trust. IV. Professionalism a. Foster successful working relationships with students, peers, and supervisors/attending physicians, consulting services and members of the treatment team. b. Demonstrate motivation for self-study and the ability to share and effectively apply new concepts. c. Participate and assist in court commitment, medication, and ECT hearings and interact effectively with attorneys and magistrates involved in patient cases if required. V. Practice-Based Learning and Improvement a. Practice diagnosis and management of psychiatric conditions in the inpatient setting. b. Organize and improve the use of interdisciplinary care of adult patients. c. Practice various medical and psychotherapeutic approaches and measures to enhance patient wellbeing, compliance, and personal performance. d. Practice the skills of physician leadership in the acute inpatient setting. VI. Systems-Based Practice a. Work effectively in the inpatient setting and understand other systems relevant to outcome-based adult psychiatry. b. Coordinate patient care within the inpatient and community health care system. c. Incorporate considerations of cost awareness and risk-benefit analysis inpatient care. d. Advocate interdisciplinary care and psycho-education to enhance patient safety and improve patient care quality.

Learning Objectives: See course description

Additional Preceptors: None

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	Yes
Reporting Instructions:	Contact the course coordinator for reporting instructions.
Evaluation:	100% Clinical Evaluation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 100%	Direct Patient Care: 40
Trauma/ICU: 0%	Didactics: 0
Outpatient: 0%	Asynchronous: 0

Scheduling Contact

Course Coordinator:	Margaret Meynardie
Coordinator Email:	MeynarM@EVMS.EDU
Coordinator Phone:	757-446-5866

Hospital Site Compliance

Sentara, Norfolk General Hospital

PSY998W2: Psychiatry Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Psychiatry elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PSY998W4: Psychiatry Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Psychiatry elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

PED999W2: Pediatric Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Pediatric elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PSY999W2: Psychiatry Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Psychiatry elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

PSY999W4: Psychiatry Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Psychiatry elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Radiation Oncology & Biophysics

ROC401W4: Clinical Radiation Oncology

Course Director(s):	Scott S. Williams, MD, PhD
Course Location:	Sentara Norfolk General Hospital Sentara Virginia Beach General Hospital Sentara Obici Hospital
Course Description:	Students will learn biology, physics, and clinical application of radiation in the management of tumors and certain specific non-malignancies. They will be exposed to the use of external beam radiation therapy using 3-D planning, IMRT, using interstitial therapy such as prostate implants. This is accomplished by new patient conferences and examination of patients. The students will learn to evaluate tumor response, acute and late normal tissue reactions to radiation therapy, and the use of chemotherapy with radiation therapy.
Learning Objectives:	1. Student will develop an understanding of cancer. 2. Student will interact with patients with malignant tumors. 3. Student will become familiar with the different methods of management of patients with malignancy; e.g., surgery, radiotherapy, chemotherapy. 4. To learn the fundamental basis of radiation therapy for malignant tumors. 5. To learn the indications and contraindications in using radiation therapy.
Additional Preceptors:	Edwin Crandley, MD; Erik Lappinen, MD; Lara Bonner Millar, MD; Mark Shaves, MD; Scott Williams, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Sentara Norfolk General Hospital, Radiation Oncology, Dale McLaughlin-Swanner, mclaugd@evms.edu at 9:00 am per physician request.
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 100%

Activity Hours Per Week

Direct Patient Care: 35

Didactics: 5

Asynchronous: 0

Scheduling Contact

Course Coordinator: Dale McLaughlin-Swanner

Coordinator Email: mclaugdm@evms.edu

Coordinator Phone: 757-388-2075

Hospital Site Compliance

Sentara, Norfolk General Hospital

ROC998W2: Radiation/Oncology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Radiation/Oncology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

ROC998W4: Radiation/Oncology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Radiation/Oncology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

ROC999W2: Radiation/Oncology Non-Catalog Course (Away)

Course Location:	Non-EVMS Affiliated Site
Course Description:	<p>Students may request permission to complete a non-Catalog Radiation/Oncology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and https://learning-objectives.easygenerator.com/ Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.</p>
Course Category:	Ambulatory, Critical Care, Elective
Course Length/Credit:	2 weeks

ROC999W4: Radiation/Oncology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Radiation/Oncology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Radiology

RAD400W4: Radiology

Course Director(s):	Kathy Byun, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	During the elective students will spend their mornings participating in read-out sessions in the various subspecialties of Diagnostic Radiology, spending 4-5 days in each modality. Time devoted to the subspecialties can be tailored to the special needs and interests of the participants, such as pediatric radiology, interventional and neuroradiology, etc. (based on availability). Required reading is a basic radiology text that will be distributed to the students the first day of their rotation. Afternoons the students will attend lectures given by both attendings and residents in Radiology. Time will be allowed for self-instruction, so that students may review the ACR teaching files, web-based learning tools and radiologic anatomy. Students are expected to attend all teaching conferences held in the department at 7:00 a.m. and Noon. At the end of the rotation the student will prepare and present a short case presentation. A written and oral exam is given toward the end of the rotation.
Learning Objectives:	1. Contact with subspecialty areas with emphasis on understanding roles and limitations of various imaging modalities. 2. Understanding the basics of chest, bone and abdominal radiology. 3. Development of approach to evaluation of diagnostic problems with use of imaging procedures.
Additional Preceptors:	None

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	3 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	Sentara Norfolk General Hospital, Radiology Residency Office, Kaufman Entrance
Evaluation:	60% written exam; 20% case presentation; 10% oral exam; 10% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%

Trauma/ICU: 0%

Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 20

Didactics: 10

Asynchronous: 20

Scheduling Contact

Course Coordinator: Marleen Viola, C-TAGME

Coordinator Email: violaml@evms.edu

Coordinator Phone: 757-388-1141

Hospital Site Compliance

Sentara, Norfolk General Hospital

RAD407W4: Interventional Radiology

Course Director(s):	Harlan Vingan, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	<p>The Interventional Radiology (IR) elective offers the 4th year student a 4-week experience in caring for patients undergoing image-guided procedures. A shorter experience is also available for 3rd year students during their elective time. The students will work closely with attendings, residents, and other providers as an integral member of the IR team. Students will learn to perform basic IR procedures including line and drain placements, needle biopsies, vascular & non-vascular interventions, and participate in consults for the IR service. The student will attend Department of Radiology morning (7AM) and noon didactic conferences. Students are also invited to attend an optional Liver Tumor board that happens every other week. This can be coordinated with the resident on service. The student will also attend Diagnostic Radiology medical student lectures given by residents, unless he/she has already completed RAD400 satisfactorily; if so, the lecture time will be replaced with reading/study time. Required reading includes select chapters in The Handbook of Interventional Radiologic Procedures. Supplemental reading utilizing Learning Radiology: Recognizing the Basics is also recommended for those that have not completed the RAD 400 elective. Both texts available through Brickell Library's Online Resources. A written exam will be given at end of rotation and will be based on the required reading.</p>
Learning Objectives:	<ol style="list-style-type: none">1. To learn the fundamentals of image-guided procedures across multiple organ systems and imaging modalities.2. To correlate radiologic findings with clinical presentations and pathophysiology of disease.3. To participate in pre, peri, and post-procedure care of IR patients.4. To develop procedural competency by assisting residents and attendings with image-guided procedures including line and drain placements, needle biopsies, vascular & non-vascular interventions, and participate in consults for the IR service.
Additional Preceptors:	None

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Completion of RAD400

Visiting Students: No

Night Call: No

Reporting Instructions: Sentara Norfolk General Hospital, Radiology Residency Office, Kaufman Entrance

Evaluation: 2/3 clinical observation, 1/3 written exam

Student Efforts

% of Time in Various Settings

Inpatient Care: 0%
Trauma/ICU: 0%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 20
Didactics: 10
Asynchronous: 0

Scheduling Contact

Course Coordinator: Marleen Viola, C-TAGME

Coordinator Email: violaml@evms.edu

Coordinator Phone: 757-388-1141

Hospital Site Compliance

Sentara, Norfolk General Hospital

RAD408L4: Diagnostic Radiology Ultrasound

Course Director(s):	Sarah Shaves, MD, FACR Kathy Byun, MD
Course Location:	Sentara Norfolk General Hospital Children's Hospital of The Kings Daughters
Course Description:	One to two EVMS M4 students planning a career in radiology with special interest in ultrasound will gain advanced understanding of the radiologic subspecialty while working with Radiology attendings and residents through a variety of activities including hands on scanning, developing procedural skills, didactics and self-directed learning. We expect each student to provide 160 hours of engagement during the course of the year similar to a full four week block rotation (4 weeks x 40 hours = 160 hours) to be completed by March 15th of academic year. Given interviews and away rotations the student may not be able to participate in all course educational offerings. Maximum numbers of hours permitted for each activity will ensure a balanced experience.
Learning Objectives:	1. Improve knowledge of fundamental physics and knobology of ultrasound 2. Develop an understanding of the strengths and weakness of ultrasound in cross sectional imaging including ACR appropriateness criteria for use of ultrasound 3. Develop language for describing findings on ultrasound 4. Begin to develop the ability to recognize artifacts and abnormalities, strengthen the ability to identify anatomy 5. Improve ultrasound hands on technique 6. Acquire images and dictate ultrasound reports using appropriate macros and standard verbiage
Additional Preceptors:	Christopher O'Neill, MD; Dina Elgohary, MD; Michele Retrouvey, MD; Prasanti Vachhani, MD; Robert Post, MD

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	Longitudinal for 4 weeks credit
Blocks Offered:	July-May
Number of Students:	2 students per year
Restrictions/Pre-Requisites:	RAD400 pre-requisite. M4 students who have participated in integrated ultrasound curriculum and who will be applying for Radiology Match must also take diagnostic radiology elective. Prospective students must complete an application to be considered for the Honors Ultrasound Program, be planning a career in radiology, and require acceptance by the elective co-directors. Application available from Radiology Residency Administrator.
Visiting Students:	No

Night Call:	No
Reporting Instructions:	Sentara Norfolk General Hospital, Radiology Residency Office, Kaufman Entrance
Evaluation:	Possible grades are Honors, Pass, Fail. Grade based directly upon the student's level of engagement, performance of ultrasounds in clinical spaces and simulation lab, clinical observation, completing independent materials with self-assessment, quality of presentations, preparation of didactics, attendance at didactics, oral exam, and completing all above within the required timeline of the longitudinal elective.

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 10%	Direct Patient Care: 2
Trauma/ICU: 0%	Didactics: 1
Outpatient: 10%	Asynchronous: 4

This longitudinal course accepts 2 students per year.

When requesting this course you should select Block "**Longitudinal**" on the course request form.

Scheduling Contact

Course Coordinator:	Marleen Viola, C-TAGME
Coordinator Email:	violaml@evms.edu
Coordinator Phone:	757-388-1141

Hospital Site Compliance

Children's Hospital of the King's Daughters
Sentara, Norfolk General Hospital

RAD998W2: Radiology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Radiology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

RAD998W4: Radiology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

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Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

RAD999W2: Radiology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Radiology elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

RAD999W2: Radiology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Radiology elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

RAD999W4: Radiology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Radiology elective at a non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Surgery

SUR404W4: Shock/Trauma

Course Director(s):	Jay Collins, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	<p>This rotation is designed to introduce the student to the principles of initial assessment, resuscitation and decision making needed to deal with the critically injured patient. Operative management, care in the intensive care unit and integration of care by multiple services are emphasized on daily rounds. The role of the Trauma Surgeon/team as coordinating physician is demonstrated especially regarding complex multi-system injury patients. Responsibilities on call include care of all new incoming patients, ongoing care in the Burn Trauma Unit and on the floor service. The student is expected to function as an integral team member under the direction of the Chief Resident and attending staff. In-house call will be every third night.</p>
Learning Objectives:	<p>By the end of this elective, the student should be able to: 1. Determine criteria for resuscitation of the trauma patient. 2. Provide a systematic approach to the single and multiple system trauma victim. 3. Know the criteria for determining priority of problems to be managed in the acute trauma patient. 4. Develop an overview of the total care of the trauma victim; pre-hospital, emergency room, critical care, operating phase and rehabilitation. 5. Understand emergency care approach to problems of airway, breathing and circulation. 6. Recognize, understand and treat hypovolemic shock. 7. Become competent with FAST exam 8. Become facile with wound care and laceration closure</p>
Additional Preceptors:	Alexa Soult, MD; Jessica Burgess, MD; Michael Martyak, MD; Rebecca Britt, MD

Course Details

Course Category:	Acting Internship, Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	3 per block
Restrictions/Pre-Requisites:	Blocks 1-4 reserved for students pursuing Surgery.
Visiting Students:	No
Night Call:	Yes
Reporting Instructions:	Sentara Norfolk General, Burn Trauma Unit, 9th floor of the River Pavilion, 7:00AM

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 40%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 76
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Tajah Harrison
Coordinator Email: HarrisTR@EVMS.EDU
Coordinator Phone: 757-446-6107

Hospital Site Compliance

Sentara, Norfolk General Hospital

SUR411W4: Surgical and Breast Oncology

Course Director(s):	Eric Feliberti, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	<p>This is a senior elective (M4) for students interested in surgical oncology. The focus will be on the evaluation of patients with common malignancies including breast cancer, GI cancers, and melanoma, as well as rare malignancies. A multi-disciplinary approach is emphasized and psychosocial and rehabilitation aspects of care are highlighted. The student will also become familiar with current national research protocols. The student will be assigned to patients for twice daily rounds, procedures and ward work. Students will be involved in tumor conferences by giving patient presentations. Students will also have the opportunity to be 1st assistant in operative procedures performing suturing, knot tying and use of surgical staplers. The student will be expected to give a brief 10-minute talk to the course director each week on a tumor specific evaluation or treatment that the student encountered. The textbook for the course is "The MD Anderson Surgical Oncology Handbook". Online reference for the course is "The National Comprehensive Cancer Network" (NCCN).</p>
Learning Objectives:	<p>1. To learn how to evaluate and stage the patient with cancer. 2. To learn how to diagnose and treat the patient with gastrointestinal cancer, breast cancer, melanoma, and other common cancers, and unusual malignancies. 3. To learn how to develop a treatment plan that is appropriate for the stage of the cancer and the condition of the patient. 4. To observe and/or participate directly with patient care including surgical procedures. 5. To become familiar with the goals, objectives, and requirements of national protocol studies. 6. To develop an appreciation for the complex nature of multi-modality treatment of patients with cancer.</p>
Additional Preceptors:	Marybeth Hughes, MD; Rachel Burke, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	2 per block
Restrictions/Pre-Requisites:	Blocks 1-4 reserved for students pursuing Surgery.
Visiting Students:	Yes
Night Call:	No

Reporting Instructions: Call to arrange

Evaluation: 75% clinical observation; 25% analysis project

Student Efforts

% of Time in Various Settings

Inpatient Care: 47%
Trauma/ICU: 5%
Outpatient: 47%

Activity Hours Per Week

Direct Patient Care: 40
Didactics: 4
Asynchronous: 4

Scheduling Contact

Course Coordinator: Tajah Harrison

Coordinator Email: HarrisTR@EVMS.EDU

Coordinator Phone: 757-446-6107

Hospital Site Compliance

Sentara, Norfolk General Hospital

SUR414W4: Clinical Pediatric Surgery

Course Director(s): Robert E. Kelly, Jr., MD

Course Location: Children's Hospital of the King's Daughters

Course Description: Pediatric surgery offers the opportunity to become familiar with surgical diseases and congenital malformations affecting neonates, infants and children. The rotation also provides an opportunity to learn the surgical indications as well as the pre- and postoperative management of these highly complicated patients.

Learning Objectives: Intermediate Objectives: 1. To learn the approach and the assessment of the critically ill neonate and child. 2. To learn the difference and patho-physiology of pediatric surgical diseases. 3. To learn the basics of fluid and electrolyte metabolism in newborn babies. 4. To learn the difference in antibiotic and other medication requirements in babies and children. 5. To learn the assessment of pediatric patients in the outpatient department requiring possible admission for surgery. 6. To learn the preoperative preparation of pediatric patients. 7. To become familiar with the common pediatric surgical operations. 8. To become familiar with the postoperative care of neonates and children. Enabling Objectives: 1. Recognize those patients who have pediatric surgical diseases, such as appendicitis, diaphragmatic hernias, strangulated hernias, and intestinal atresias. 2. The student should be able to assess the critical nature of the illness and decide whether the patient requires elective surgery or immediate admission with emergency surgery. 3. The student should be able to assess the necessity of preoperative fluid and electrolyte therapy as well as antibiotic therapy. 4. The student should have basic understanding of surgical technique and surgical assistance. 5. The student should be able to provide postoperative care for the patient. 6. The student should be able to anticipate and prevent the common postoperative complications. 7. The student should be familiar with common postoperative practices.

Additional Preceptors: Duane Duke, MD; Frazier Frantz, MD; M. Ann Kuhn, MD; Margaret McGuire, MD; Michael Goretsky, MD; Robert Obermeyer, MD

Course Details

Course Category: Elective

Course Type: Clinical

Course Length/Credit: 4 weeks

Blocks Offered: All Blocks

Number of Students: 2 per block

Restrictions/Pre-Requisites: None

Visiting Students: Yes

Night Call: No

Reporting Instructions: Contact Trisha Arnel (trisha.arnel@chkd.org) or Morgan Pierce (Morgan.Pierce@chkd.org) at least 1 week prior to their start date for instructions instructions.

Evaluation: 70% clinical observation; 30% case presentation/discussion

Student Efforts

% of Time in Various Settings

Inpatient Care: 80%
Trauma/ICU: 10%
Outpatient: 10%

Activity Hours Per Week

Direct Patient Care: 35
Didactics: 5
Asynchronous: 0

Scheduling Contact

Course Coordinator: Trisha Arnell

Coordinator Email: trisha.arnel@chkd.org

Coordinator Phone: 757-668-7750

Hospital Site Compliance

Children's Hospital of the King's Daughters

SUR416W4: Emergency General Surgery Acting Internship

Course Director(s):	Jay Collins, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	One M4 year student per rotation will have the opportunity to work on the Emergency General Service (EGS) at Sentara NGH for four weeks. They will be expected to function at the intern level helping the R1 and 2 and chief manage the service. They will be expected to see inpatient and ED consults and to round on patients on a daily basis. Call will be every Friday night with early release post call Saturday. Students will be off at least one weekend day per week. Students will participate in patient management, placement of central lines, arterial lines, chest tubes, tracheostomies, PEGs and all OR cases. Students will participate in all Department of Surgery conferences and didactic sessions during their rotations. Each acting intern will be responsible for organizing one EGS journal club. This elective is ideal for the student interested in surgery or the subspecialties.
Learning Objectives:	By the end of this elective, the student should be able to: 1. Perform the initial history and evaluation of inpatient consults and emergency room consults for the acute care surgery service 2. Improve surgical technical skills, participating in all procedures and surgeries on the service 3. Participate in the ICU management of critically ill surgical patients 4. Understand and appreciate basic emergency surgical diseases and their management 5. Perform at the level of an intern in regards to postoperative decision making and initial evaluation and management of acute care surgery patients
Additional Preceptors:	Alexa Soult, MD; Jessica Burgess, MD; Michael Martyak, MD; Rebecca Britt, MD

Course Details

Course Category:	Acting Internship, Critical Care, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Blocks 1-4 reserved for students pursuing Surgery.
Visiting Students:	No
Night Call:	Yes
Reporting Instructions:	Sentara Norfolk General, Burn Trauma Unit, 9th floor of the River Pavilion, 7:00AM

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 100%
Trauma/ICU: 10%
Outpatient: 0%

Activity Hours Per Week

Direct Patient Care: 76
Didactics: 4
Asynchronous: 0

Scheduling Contact

Course Coordinator: Tajah Harrison
Coordinator Email: HarrisTR@EVMS.EDU
Coordinator Phone: 757-446-6107

Hospital Site Compliance

Sentara, Norfolk General Hospital

SUR417W4: Clinical Vascular Surgery Acting Internship

Course Director(s):	Jean Panneton, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	One M4 year student per rotation will have the opportunity to learn the clinical aspects of Basic Science and Vascular Surgery.
Learning Objectives:	The student will: 1. Learn the evaluation of the Vascular System 2. Learn basic principles in patient care 3. Learn basic operating room techniques and anatomy by clinical instruction
Additional Preceptors:	Animesh Rathore, MD; David Dexter, MD; Hosam El Sayed, MD; Kenneth Cherry, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Blocks 1-6 only for students pursuing General Surgery
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Ms Yancey 30 days prior to scheduled start
Evaluation:	100% clinical observation

Student Efforts

% of Time in Various Settings	Activity Hours Per Week
Inpatient Care: 85%	Direct Patient Care: 40
Trauma/ICU: 0%	Didactics: 3
Outpatient: 15%	Asynchronous: 0

Scheduling Contact

Course Coordinator: Latisha Yancey
Coordinator Email: yanceyll@evms.edu
Coordinator Phone: 757-388-6402

Hospital Site Compliance

Sentara, Norfolk General Hospital

SUR418W4: Vascular Surgery Research

Course Director(s):	Jean Panneton, MD
Course Location:	Sentara Norfolk General Hospital
Course Description:	Retrospective Vascular Surgery Clinical Research. Student will have opportunity to work with research fellows and co-author studies.
Learning Objectives:	The student will: 1. Assist with data collection with the goal of publication 2. Develop an understanding of clinical research and its translation to clinical practice 3. Learn about the various interpretations of data and statistical analysis 4. Learn about different forms of studies and their uses 5. Read current journal articles and determine difference between adequate and inadequate articles
Additional Preceptors:	Animesh Rathore, MD

Course Details

Course Category:	Elective
Course Type:	Non-Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Blocks 1-6 only for students pursuing Vascular Surgery. Previous involvement in an EVMS IRB approved research project.
Visiting Students:	No
Night Call:	No
Reporting Instructions:	Contact Ms Yancey 30 days prior to scheduled start
Evaluation:	50% clinical observation; 50% scholarly activity rubric

Student Efforts

% of Time in Various Settings

Inpatient Care: 15%
Trauma/ICU: 0%
Outpatient: 85%

Activity Hours Per Week

Direct Patient Care: Optional
Didactics: 3
Asynchronous: 0

Scheduling Contact

Course Coordinator: Latisha Yancey
Coordinator Email: yanceyll@evms.edu
Coordinator Phone: 757-388-6402

Hospital Site Compliance

Sentara, Norfolk General Hospital

SUR419W4: Transplant Surgery

Course Director(s):	John O. Colonna, II, MD
Course Location:	Sentara Norfolk General Hospital Children's Hospital of the King's Daughters
Course Description:	<p>This is a four week clerkship on the Sentara Norfolk General, Kidney and Pancreas Transplant Service. Approximately 100 kidney transplants and 2-5 pancreas transplants are performed annually. An additional 5-10 kidney transplants are performed at Children's Hospital of the King's Daughter which is on the same campus. An average of 50 deceased donor organ recoveries are performed annually. Liver transplants are not performed. The student will work with the two full-time abdominal transplant surgeons and the 3rd or 4th years General Surgery Resident assigned to the Transplant Service. The student will also interact to various extent with other Transplant Team members to include Nephrologists, Infectious Disease, Dietitian, Pharmacologists, Social Workers and Nurse Coordinators. The student will participate all areas of the Transplant Surgery service to include: outpatient evaluation of potential transplant candidates, outpatient surgical follow-up of post-transplant care, organ recovery and transplant operations and in-patient care. Schedule* Monday-Wednesday 0800 to 1600 Thursday: 0900 to 1730 late finish due to Patient Selection Committee meeting Friday: 1230 to 1600 late start accounts for attendance at General Surgery Educational Conferences Saturday/Sunday Student will be notified of any transplants or organ recoveries. Students do not have other clinical responsibilities on weekends * Does not include any transplants or organ recoveries which may occur after hours. There is no formal "in-house call", however many transplants and organ recoveries take place after 6PM</p>
Learning Objectives:	<p>By the end of the rotation, students will be able to understand surgical and medical care of the renal transplant patient. ASTS Resident Curriculum on-line account will be created for each student and their completion of the assigned modules below confirmed.</p> <ol style="list-style-type: none">1. Pharmacology and Immunosuppression – Explain the basic pharmacology (mechanism of action, metabolism, adverse reactions, potential interactions, dosing strategies and target levels) for immunosuppressive agents in current clinical use2. Organ Procurement – Understand the moral, ethical and legal issues and steps involved in determining brain death and in live organ donation. Describe the basic assessment of the quality of a donor organ and its suitability for a given recipient. Outline the basic principles and limits of organ preservation.3. Kidney Transplantation – List the indications for kidney transplantation. Outline the basic principles of donor and recipient selection and deceased donor allocation. Explain the basic immunosuppressive strategies used in kidney transplantation, including induction and maintenance therapy. Understand how to recognize and diagnose renal transplant rejection along with basic histopathology of cellular and antibody mediated rejection and treatment strategies for rejection. <p>Clinical Responsibilities</p> <ol style="list-style-type: none">1. Transplant Procedures: participate in as many kidney and pancreas transplant procedures and transplant-related procedures as possible2. Organ Recoveries: when possible, participate in an organ recovery procedures during rotation3. Daily Multidisciplinary Rounds: M-F @ 12:30 VICU and/or 4th floor River Pavilion – present patients you are following4. Attend Patient Selection Conference: Thursday 4:30 to 5:30, Transplant Conference Room5. Attend Transplant Surgery Clinic: Wednesday and Thursday 1:30 – 3:30.6. Attend Friday morning EVMS General Surgery Conferences
Additional Preceptors:	Duncan Yoder, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	1 per block
Restrictions/Pre-Requisites:	Completion of M3 rotation in Surgery. Preference for students interested in General Surgery, Urology or Nephrology
Visiting Students:	No
Night Call:	Yes
Reporting Instructions:	Time and location will vary. Student will email Dr. Colonna several days before their rotation is to start with contact information and Dr. Colonna will let student know when and where to report the day before the rotation starts.
Evaluation:	Students will be evaluated on their patient evaluations and presentations at daily multidisciplinary rounds and their participation in operative procedures.

Student Efforts

% of Time in Various Settings

Inpatient Care: 60%
Trauma/ICU: 10%
Outpatient: 30%

Activity Hours Per Week

Direct Patient Care: 20-30
Didactics: 3
Asynchronous: 10-20

Scheduling Contact

Course Coordinator:	John O. Colonna, II, MD
Coordinator Email:	jocolonn@sentara.com
Coordinator Phone:	Not listed

Hospital Site Compliance

Children's Hospital of the King's Daughters
Sentara, Norfolk General Hospital

SUR998W2: Surgery Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Surgery elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

SUR998W4: Surgery Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Surgery elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

SUR999W2: Surgery Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Surgery elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

SUR999W4: Surgery Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Surgery elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

Urology

URO400W4: Urology

Course Director(s):	Kurt McCammon, MD
Course Location:	Urology of Virginia 225 Clearfield Ave Virginia Beach VA 23462 Sentara Norfolk General Hospital Children's Hospital of The Kings Daughters
Course Description:	This course includes experience with the broad, overall concepts of urologic disease and the practice of urology in the hospital and office setting. There will be an emphasis on the basic diagnostic procedures and treatment of patients with disease of the genitourinary organ system, male and female. Students will participate in assigned readings, diagnostic procedures, assist at surgery, and present patients at conferences. Students will become familiar with the American Urological Association (AUA) website - National Medical Student Curriculum, specifically the Core Content (all 9 areas) and Uroradiology cases (all 6 cases).
Learning Objectives:	By the end of the elective, the student should be able to: 1. Participate in the care and evaluation of patients with urologic disease. 2. Learn the basic of urologic diagnosis, the signs and symptoms of urologic disease, the perils in reading GU x-rays, and the surgical treatment available for difficult urologic problems. 3. Learn the pathophysiology of diseases involving the adrenal gland kidney, ureter, bladder, prostate, urethra testis, scrotum and the surgical treatment for curing or reconstructing these diseased organs.
Additional Preceptors:	Charles Horton, MD; Douglas Kelly, MD; Janelle Fox, MD, MS, FACS; John Malcolm, MD; Kaitlan Cobb, MD; Louis Wojcik, MD; Michael Williams, MD; Ramon Virasoro, MD; Robert Given, MD; Victor Brugh, MD

Course Details

Course Category:	Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	3 per block
Restrictions/Pre-Requisites:	None
Visiting Students:	Yes
Night Call:	No
Reporting Instructions:	6:45 AM Rads Conference, Location varies (confirm with department)

Evaluation: 100% clinical observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 90%
Trauma/ICU: 0%
Outpatient: 10%

Activity Hours Per Week

Direct Patient Care: 50
Didactics: 3
Asynchronous: 0

Scheduling Contact

Course Coordinator: Lynn Vass

Coordinator Email: vasslm@evms.edu

Coordinator Phone: 757-452-3459

Hospital Site Compliance

Children's Hospital of the King's Daughters
Sentara, Norfolk General Hospital

URO404W4: Urological Surgery Acting Internship

Course Director(s):	Kurt McCammon, MD
Course Location:	Urology of Virginia 225 Clearfield Ave Virginia Beach VA 23462 Sentara Norfolk General Hospital Children's Hospital of The Kings Daughters
Course Description:	The Acting Internship (AI) experience is designed to encourage senior medical students to assume patient care responsibilities similar to those of an intern (PGY-1 resident), including call. This rotation will be offered to M4 students who are interested in a career in Urology. They will be expected to function at the intern level, helping the residents and chief manage the service. They will be expected to see inpatient and ED consults and to round on patients on a daily basis. Students will develop a broad knowledge base of the concepts of urologic disease and the practice of Urology in the hospital and outpatient setting. Emphasis will be placed on diagnostic procedures and treatment of patients with disease of the genitourinary organ system, male and female. Students will be responsible for assigned readings, carrying out diagnostic procedures, assist at surgery, and attending all departmental conferences where they will be expected to actively participate. Students will become familiar with the American Urological Association (AUA) website - National Medical Student Curriculum, specifically the Core Content (all 9 areas) and Uroradiology cases (all 6 cases).
Learning Objectives:	By the end of the elective, the student should be able to: 1. Participate in the care and evaluation of patients with urological disease. 2. Know the basics of urologic diagnosis, the signs and symptoms of urologic disease, the perils of reading GU imaging studies, and the surgical treatments available for difficult urologic problems. 3. Know the pathophysiology of diseases involving the adrenal gland, kidney, ureter, bladder, prostate, urethra, scrotum and the surgical treatment for curing or reconstructing these diseased organs.
Additional Preceptors:	Charles Horton, MD; Douglas Kelly, MD; Janelle Fox, MD, MS, FACS; John Malcolm, MD; Kaitlan Cobb, MD; Louis Wojcik, MD; Michael Williams, MD; Ramon Virasoro, MD; Robert Given, MD; Victor Brugh, MD

Course Details

Course Category:	Acting Internship, Elective
Course Type:	Clinical
Course Length/Credit:	4 weeks
Blocks Offered:	All Blocks
Number of Students:	3 per block
Restrictions/Pre-Requisites:	None

Visiting Students: Yes

Night Call: Yes

Reporting Instructions: 6:45 AM Rads Conference, Location varies (confirm with department)

Evaluation: 100% Clinical Observation

Student Efforts

% of Time in Various Settings

Inpatient Care: 90%
Trauma/ICU: 0%
Outpatient: 10%

Activity Hours Per Week

Direct Patient Care: 50
Didactics: 3
Asynchronous: 0

Scheduling Contact

Course Coordinator: Lynn Vass

Coordinator Email: vasslm@evms.edu

Coordinator Phone: 757-452-3459

Hospital Site Compliance

Children's Hospital of the King's Daughters
Sentara, Norfolk General Hospital

URO998W2: Urology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Urology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

URO998W4: Urology Non-Catalog Course (Home)

Course Location: EVMS Affiliated Site

Course Description: Students may request permission to complete a Non-Catalog Urology elective at an EVMS affiliated site by requesting a rotation below. The student should be prepared to describe the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/>. Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. This process should be completed no less than 30 days prior to the start of the elective when possible. The Non-Catalog Course Rotation Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule Please note that submission of the non-catalog course rotation request is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Acting Internship, Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks

URO999W2: Urology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Urology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 2 weeks

URO999W4: Urology Non-Catalog Course (Away)

Course Location: Non-EVMS Affiliated Site

Course Description: Students may request permission to complete a non-Catalog Urology elective at an non-EVMS affiliated site by requesting a rotation below. Complete a Non-Catalog Course Rotation Request describing the skills, knowledge or values/attitudes the student wishes to achieve. Use the following links to help you write objectives: http://www.evms.edu/media/departments/medical_education/New_Blooms_Taxonomy3-7-14.pdf and <https://learning-objectives.easygenerator.com/> Review the objectives with the proposed course director, who must be a board certified physician or other comparably credentialed individual and must hold a faculty appointment with EVMS or another LCME accredited institution. Consult with your advisor, the appropriate Department Chairman, Associate Dean for Clinical Education, or the Vice Dean for Academic Affairs regarding your goals and objectives. The proposed elective will be routed for review. The affiliation agreement and faculty status will be verified during the review process. The Non-Catalog Course Request is reviewed for the: » faculty status of the preceptor » status of the affiliation agreement with the site » appropriateness of the course category to the course request (confirmation from the Course Director that the course meets the requirements of the selected course category may be required) » scheduling approval from the course coordinator/course director » course objectives/goals/description » dates compared to the student's personal schedule and the EVMS block schedule All non-VSLO away electives require an affiliation agreement between EVMS and the site. Obtaining agreements can be a lengthy process spanning several months. Please plan accordingly and have a back-up plan should the legal teams of EVMS and the proposed site not be able to agree on the terms of the agreement. VSLO electives do not require an affiliation agreement unless the school you are applying to requests one be executed. This process should be completed no less than 30 days prior to the start of the elective when possible. Please note that submission of the non-catalog course request form is not automatic approval for you to receive credit for the experience. It is one step in a multi-step review and approval process. An email notification of final approval must be received prior to participating in any non-catalog elective at EVMS or any other LCME accredited school. If you do not receive an approval for your elective, you may not receive credit for the experience and your graduation date could be affected.

Course Category: Ambulatory, Critical Care, Elective

Course Length/Credit: 4 weeks