

# PEDIATRICS (PEDIAT)

## PEDIAT 699 – INDEPENDENT STUDY

0–5 credits.

Independent study projects as arranged with faculty or instructional staff.

**Requisites:** Consent of instructor

**Course Designation:** Level - Advanced

L&S Credit - Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Develop critical, analytical, and independent thinking skills

Audience: Undergraduate

## PEDIAT/MED PHYS 705 – WOMEN AND LEADERSHIP: SCIENCE, HEALTH AND ENGINEERING

2 credits.

Multiple professional and scientific groups have identified the underrepresentation and lack of advancement of women in academia as a national workforce problem. Review evolving perspectives of leadership and how unconscious assumptions about the behaviors and traits of men, women, and leaders impede women's advancement. Emphasizes the implications for women in the fields of science, health and engineering and explore the potential impact on the advancement of knowledge and improvements in health. Provides the opportunity to apply evidence-based perspectives using experiential methods.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Fall 2024

**Learning Outcomes:** 1. Be conversant with several definitions and styles of leadership, as well as with research on how leadership and gender intersect/interact, particularly in an academic context.

Audience: Graduate

2. Reflect on personal leadership goals and skills based on readings, discussion, and online reflection assignments.

Audience: Graduate

3. Demonstrate knowledge of effective evidence-based leadership strategies.

Audience: Graduate

4. Consider the integral link between women leaders and the advancement of women's health.

Audience: Graduate

## PEDIAT 909 – PEDIATRICS INTERNSHIP PREP COURSE (PIPC)

1 credit.

Use both didactics and simulations to cover high yield topics that a new Pediatric Intern should know to start a Pediatrics Residency. Working with a team of faculty, multi-disciplinary staff, residents, fellows and course directors, review topics such as intravenous fluid management, nutrition, vaccines, newborn care, fever and antibiotic therapy, developmental skills, hematology/oncology emergencies, dermatology, respiratory distress, endocrine emergencies, radiology, and informed consent. Participate in simulations to review medical knowledge, communication skills, and teamwork. Participate in difficult communication cases including obtaining informed consent or talking with parents of patients who choose to decline recommended management options. Practice common pediatric skills including IV placement, umbilical line placement, defibrillation, airway management, lumbar puncture, and suturing.

**Requisites:** MED SC-M 810, 811, 812, and 813

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2024

**Learning Outcomes:** 1. Communicate effectively with patients, families, and all members of the healthcare team

Audience: Graduate

2. Diagnose and manage common and critical medical conditions

Audience: Graduate

3. Perform duties as first responder to urgent/emergent patient care situations

Audience: Graduate

4. Practice skills including placing PIV/IO, umbilical lines, performing lumbar puncture, suturing, defibrillation, and securing the pediatric airway

Audience: Graduate

5. Simulate difficult conversations with patients/families and variable pediatric scenarios that require teamwork and knowledge of basic resuscitation

Audience: Graduate

**PEDIAT 910 – INDEPENDENT READING AND RESEARCH IN PEDIATRICS**

1-8 credits.

Independent research under the direct supervision of department of pediatrics faculty. Each students research project is individualized to meet student research goals within context of faculty research needs.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Formulate a hypothesis or specific objective if study does not involve hypothesis generating research

Audience: Graduate

2. Conduct a thorough literature review of the specific research question

Audience: Graduate

3. Select and apply statistical methodologies appropriate for the proposed analyses

Audience: Graduate

4. Interpret results correctly and in context of previous findings from literature review

Audience: Graduate

**PEDIAT 919 – INDIVIDUALIZED CLINICAL ELECTIVE IN PEDIATRICS**

1-4 credits.

Supervised activities include interacting with patients primarily in outpatient setting, participating in all clinical activities and other components of the individualized rotation.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 921 – WISCONSIN LEADERSHIP EDUCATION IN NEURODEVELOPMENTAL AND RELATED DISABILITIES (LEND)**

2 credits.

Participate in an interdisciplinary training program to learn foundational knowledge, skills, and attitudes related to the care of individuals with developmental disabilities. Covers neuromotor development, cognitive development, communication development, psychosocial development, physical health, quality of life, and other topics relevant to the care of individuals with developmental disabilities, as well as Lifecourse Story Team sessions that focus on a family-centered exploration of the experience of a child with a developmental disability and their family. Learn the role of different disciplines and the relevant systems of care for individuals with developmental disabilities. Explore impact of different legal and health policies on individuals with developmental disabilities and their families, as well as the concept of "ableism" and strategies to reduce this.

**Requisites:** MED SC-M 810, 811, 812, and 813

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, for 3 number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Demonstrate knowledge of the process of diagnosis and management of common developmental disabilities

Audience: Graduate

2. Identify relevant systems of care for developmental services

Audience: Graduate

3. Discuss the role of interdisciplinary team in providing care for individuals with developmental disabilities

Audience: Graduate

4. Demonstrate knowledge of relevant legal and health policies which effect individuals with developmental disabilities

Audience: Graduate

5. Describe health disparities in individuals with developmental disabilities and strategies to mitigate them

Audience: Graduate

**PEDIAT 930 – PEDIATRIC NEONATOLOGY ELECTIVE**

2-4 credits.

Activities include attending deliveries of high-risk infants, admitting and managing a circumscribed select group of patients under the supervision of the attending neonatologist. Daily notes and orders are written and counter-signed by the neonatologist. Weekly rounds are made with social worker/discharge planner. Night call will be taken every fourth night. Attend appropriate perinatal conferences.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 935 – SURGICAL, NEUROLOGIC, & COMPLEX CARE OF THE NEONATE ELECTIVE**

2-4 credits.

Supervised activities include inpatient management in an intensive care setting and attending all the neonatal division educational sessions, which may include; Neonatology journal club, Multidisciplinary discharge planning rounds, and Individual patient care conferences.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 938 – INPATIENT ACTING INTERNSHIP-PEDIATRICS**

4 credits.

Pediatric acting interns will serve as the primary provider for pediatric patients in one of the offered inpatient settings. This includes responsibility for diagnosis and management; communication with patients, families, and other interdisciplinary care providers; and self-directed learning and application of evidence-based medicine. The student will work under the direct supervision of a senior resident, fellows and the pediatric faculty. This rotation will provide the student with the opportunity to function at the intern level and play an active role in inpatient management of inpatient pediatric patients.

**Requisites:** MED SC-M 810, 811, 812, and 813

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history

Audience: Graduate

2. Complete a targeted exam

Audience: Graduate

3. Develop and present a weighted differential diagnosis (EPA 2)

Audience: Graduate

4. Using clinical evidence, select a working diagnosis (EPA 2)

Audience: Graduate

5. Present diagnostic plan including laboratory and imaging modalities

Audience: Graduate

6. Interpret imaging and laboratory findings in the context of patient presentation

Audience: Graduate

7. Write admitting and daily orders (EPA 4)

Audience: Graduate

8. Justify orders based upon working diagnosis and cost-effectiveness (EPA 4)

Audience: Graduate

9. Complete written patient evaluation using standard format

Audience: Graduate

10. Write daily progress notes including assessments and plans using standard format

Audience: Graduate

11. Present initial patient evaluation including assessments and plans

Audience: Graduate

12. Summarize patient's hospital course during rounds and manage day to day care

Audience: Graduate

13. Present current literature to support patient care

Audience: Graduate

14. Based on case load, develop clinically relevant questions to further individual and team learning

Audience: Graduate

15. Give and receive patient handovers (EPA 8)

Audience: Graduate

**PEDIAT 940 – ADOLESCENT MEDICINE ELECTIVE**

2-4 credits.

Supervised activities include interacting with patients in adolescent outpatient clinics, performing histories, physical examinations and managing patients with supervision by our staff. Give a didactic presentation at the end of the rotation on a topic of student's choice as well as write a blog for Writes of Passage. Customize clinic schedule from a menu of opportunities provided by the director.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 941 – PEDIATRIC ALLERGY/IMMUNOLOGY ELECTIVE**

2-4 credits.

Supervised activities include seeing patients in outpatient clinics, observing procedures and attending weekly pediatric allergy conferences. Hands-on clerkship experience in this sub-specialty involves both very common and uncommon diseases in pediatrics in allergy and immunology. Specific topics that are covered include food allergy, asthma, allergic rhinitis, atopic dermatitis, and primary immune deficiency. As these diseases are increasing in prevalence and have broad impacts on child health, this experience is ideal preparation for careers in pediatric and medical specialties, or surgical specialties.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

14. Take an accurate exam and history pertaining to common allergic disorders (e.g. allergic rhinitis, drug allergy, food allergy) and asthma.

Audience: Graduate

**PEDIAT 942 – PEDIATRIC COMPLEX CARE ELECTIVE**

2-4 credits.

Under direct supervision by faculty, participate in medical co-management and care coordination for children with medical complexity. Multifaceted approach to learning about children with medical complexity, with focus on history and exam skills during scheduled maintenance and acute care visits. Pediatric ethics, organizing and maintaining accurate and up-to-date electronic medical records, documentation skills.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

14. Explore ambiguities in the ethics of caring for children with medical complexity.

Audience: Graduate

15. Demonstrate independent research skills and presentation abilities through a self-directed learning project.

Audience: Graduate

**PEDIAT 943 – PEDIATRIC CARDIOLOGY ELECTIVE**

2-4 credits.

Supervised by house staff and attending physicians activities include attending a variety of outpatient clinics with pediatric cardiologists, inpatient pediatric cardiology rounds and consults with the inpatient service team, observing various scheduled procedures (including echocardiography, ECG, cardiac catheterization, electrophysiology study), attending pediatric cardiology related conferences, presenting cases and teaching topics, and discussing patient cases.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret testing (i.e. ECG and echocardiogram) and communicate results to patients (once reviewed with cardiologist) and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 950 – PEDIATRIC ENDOCRINOLOGY AND DIABETES ELECTIVE**

2-4 credits.

Supervised activities include interacting with patients primarily in outpatient (some inpatient) settings, performing histories and physical examinations and managing patients with supervision by our staff. Group and individual discussions concerning patients seen in both the outpatient and inpatient settings will occur.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 953 – CLINICAL GENETICS ELECTIVE**

2-4 credits.

Supervised activities include interacting with patients primarily in outpatient setting, participating in all clinics, rounds, consults and other components of the service. Active participation in patient evaluations and patient management is another component of this rotation.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2024

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 956 – PEDIATRIC HEMATOLOGY-ONCOLOGY ELECTIVE**

2-4 credits.

Supervised activities include attending pediatric hematology/oncology clinics, evaluating patients in the clinics and attending the weekly pediatric hematology/oncology conferences.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 963 – PEDIATRIC NEPHROLOGY**

2-4 credits.

Provides an in-depth introduction to a variety of kidney diseases, allowing students to build upon their ability to diagnose and treat complex pediatric and adolescent patients. Students will rotate through the American Family Children's Hospital inpatient nephrology service, outpatient nephrology clinic, and the inpatient dialysis unit. Two and four week rotations are available.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Fall 2024



**PEDIAT 966 – PRIMARY CARE SPORTS MEDICINE ELECTIVE**

2-4 credits.

Supervised activities include interacting with patients and Licensed Athletic Trainers, residents and primary care sports medicine fellow in various outpatient settings and participating in assigned sports medicine clinics. Participating in patient evaluations, patient management and attending the weekly Friday morning sports medicine conference are additional components of this rotation. Other opportunities may include observing or evaluating patients in other clinical situations including the McClain Center UW athlete clinics, high school game coverage, PT clinics, other orthopedic clinics.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 967 – PEDIATRIC PULMONOLOGY ELECTIVE**

2-4 credits.

Supervised activities include: attending outpatient clinics, rounding with inpatient attendings, attending weekly didactic and clinical conferences, observation of flexible bronchoscopies and participating in one-on-one tutorials.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 970 – PEDIATRIC RHEUMATOLOGY ELECTIVE**

2-4 credits.

Supervised activities include seeing patients in outpatient clinics, rounding with inpatient attendings, attending weekly pediatric rheumatology conferences, observing procedures and attending one-to-one tutorials.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2025

**Learning Outcomes:** 1. Perform a hypothesis driven history and complete a targeted exam.

Audience: Graduate

2. Develop and present a weighted differential diagnosis.

Audience: Graduate

3. Using clinical evidence, adapt and justify the working diagnosis.

Audience: Graduate

4. Present a diagnostic plan including laboratory and imaging modalities.

Audience: Graduate

5. Correctly interpret imaging and laboratory findings and communicate results to patients and team members.

Audience: Graduate

6. Complete written documentation in a comprehensive, concise, accurate and timely manner.

Audience: Graduate

7. Review, interpret and present current literature to support patient care.

Audience: Graduate

8. Develop clinically relevant questions to advance learning.

Audience: Graduate

9. Communicate effectively with patients, families, physicians and non-physician team members.

Audience: Graduate

10. Communicate and collaborate with consultants and/or primary team and other providers to coordinate care.

Audience: Graduate

11. Engage patients in shared decision making regarding tests, orders and procedures.

Audience: Graduate

12. Avoid medical jargon when communicating with patients and families.

Audience: Graduate

13. Recognize limitations and seek assistance as appropriate.

Audience: Graduate

**PEDIAT 971 – PEDIATRIC INFECTIOUS DISEASES**

2-4 credits.

Students will round as members of the inpatient Pediatric Infectious Disease consult team. They will perform infectious disease focused history and physical examinations and participate in the development and communication of management recommendations. Students will also attend outpatient infectious disease clinics, case conferences, microbiology rounds and daily pediatric conferences including morning report, problem conference and grand rounds.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2025

**PEDIAT 973 – PEDIATRIC GASTROENTEROLOGY**

2-4 credits.

Students will participate in pediatric gastroenterology outpatient clinics, round with inpatient faculty, attend pediatric gastroenterology conferences, attend daily pediatric conferences including morning report, case conferences, and grand rounds. Students will also be able to observe procedures in the operating room. Students will be responsible for a 20 minute case-based presentation at the end of the rotation.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2025

**PEDIAT 975 – DEVELOPMENTAL PEDIATRICS**

2-4 credits.

An introduction to developmental pediatrics and the care of children with developmental disabilities. Students will rotate through a variety of clinics which will be tailored based on interest.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2025

**PEDIAT 990 – RESEARCH**

1-12 credits.

Research and/or scholarly work (e.g. quality improvement, clinical case reports) supervised by faculty and/or staff member within the Department of Pediatrics with appropriate content expertise. A supervisor and project must be identified prior to requesting enrollment in this course.

**Requisites:** Consent of instructor

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025