

# REHABILITATION MEDICINE (RHAB MED)

## RHAB MED 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 2026

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

Audience: Undergraduate

## RHAB MED 910 – INDEPENDENT READING AND RESEARCH IN ORTHOPEDICS

2-8 credits.

Independent research under the direct supervision of Surgery, Orthopedics, or Urology faculty. Projects are individualized to meet research goals within the context of faculty research needs.

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

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

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

**Last Taught:** Spring 2026

**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 knowledge methodologies appropriate for the proposed analyses  
Audience: Graduate

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

## RHAB MED 915 – INDIVIDUALIZED PHASE 3 CLINICAL ELECTIVE IN ORTHOPEDICS

2-4 credits.

Provide direct care for hospitalized orthopedic patients on general surgery or surgical specialty services under the supervision of house staff and attending physicians. Admit new patients, round on previously admitted patients, participate in multidisciplinary rounds, and work to transition patients to the next level of care. Evaluate and manage patient with both common inpatient conditions and medically complex patients requiring collaboration with consulting specialties. Participate in scheduled orthopedic operative procedures.

**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 2026

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

Audience: Graduate

2. Develop and present a weighted differential diagnosis for medical and surgical conditions  
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. Develop and implement effective patient management plans  
Audience: Graduate

7. Complete written documentation in a comprehensive, concise, accurate, and timely manner  
Audience: Graduate

8. Review, interpret, and present current literature to support patient care  
Audience: Graduate

9. Communicate effectively with patients, families, physicians, and non-physicians 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. Communicate effectively with patients and families while avoiding medical jargon.  
Audience: Graduate

13. Recognize limitations and seek assistance as appropriate  
Audience: Graduate

14. Observe the process of obtaining informed consent prior to surgical intervention

**RHAB MED 919 – INDIVIDUALIZED FOURTH YEAR CLINICAL CLERKSHIP**

1-12 credits.

Individually arranged fourth year clinical clerkships. (Student must have Fourth Year Committee approval to count for fourth year credit.)

**Requisites:** Graduate/professional standing

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

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

**Last Taught:** Fall 2025

**RHAB MED 920 – REHABILITATION MEDICINE CLINICAL ELECTIVE**

2-4 credits.

Inpatient hospital setting and outpatient clinical setting. Direct supervision by attending physicians and residents. Inpatient activities include rounding on rehabilitation medicine service patients, observing patient therapy sessions, discussing patient cases. Outpatient activities includes seeing clinic patients, participating in procedures like joint injections and fluoroscopic-guided spinal injections, performing electromyography (EMG), discussing patient cases. Evaluate and manage a full spectrum of patients with neurologic and musculoskeletal issues. Exposure to multiple disciplines involved in the rehabilitation process. Inpatient diagnoses commonly encountered include stroke, brain injury, spinal cord injury, orthopedic injuries, debility, amputations. Outpatient diagnoses commonly encountered include developmental disabilities, spine disorders, chronic pain, arthritis, myofascial pain and fibromyalgia, spasticity, and chronic conditions from prior neurologic injuries.

**Requisites:** Graduate/professional standing

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

**Repeatable for Credit:** Yes, for 2 number of completions

**Last Taught:** Spring 2026

**Learning Outcomes:** 1. Perform a hypothesis-driven history and musculoskeletal and neurologic exams.

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.

**RHAB MED 923 – PHYSICAL MEDICINE AND REHABILITATION-MARSHFIELD**

2-12 credits.

Clinical elective for fourth year medical students.

**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 2026

**RHAB MED 938 – INPATIENT ACTING INTERNSHIP - ORTHOPEDICS**

4 credits.

This acting internship will provide medical students with an in-depth exposure to inpatient and operative management of complicated orthopedic surgical patients. The student will work under the direct supervision of a senior resident, fellows, and 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 surgical 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 2026

**Learning Outcomes:** 1. Perform complete admission or pre-operative history and physicals, and document these in the medical chart.

Audience: Graduate

2. Formulate a differential diagnosis and develop a diagnostic plan, including laboratory and imaging modalities

Audience: Graduate

3. Analyze and interpret imaging and laboratory findings in context of patient presentation

Audience: Graduate

4. Present patients to healthcare team in a well-organized manner that highlights pertinent positives and negatives, gives justification to diagnostic plan, and provides interpretation of results.

Audience: Graduate

5. Write post-operative, admitting, and daily progress notes in the standard format on patients you are rounding on.

Audience: Graduate

6. Write and justify orders based on working diagnosis and cost-effectiveness

Audience: Graduate

7. Adjust home medications for preoperative and immediate post-operative situations.

Audience: Graduate

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

Audience: Graduate

9. Research and present current literature to support patient care.

Audience: Graduate

10. Conduct a detailed preoperative assessment of assigned patients

Audience: Graduate

11. Monitor and evaluate patients for common post-operative complications, develop treatment plans and present these to the team

Audience: Graduate

12. Based on case load, develop clinically relevant questions to further your and your colleagues' learning.

Audience: Graduate

13. Give and receive patient handovers.

Audience: Graduate

14. Write succinct yet thorough transfer notes and discharge summaries

**RHAB MED 939 – ADULT ORTHOPEDICS FOR THE FUTURE ORTHOPEDIST ELECTIVE**

2-4 credits.

Direct patient care involving a spectrum of orthopedic conditions in inpatient and ambulatory settings, with supervision by orthopedic surgery senior residents, fellows, and attending physicians. Participate in regularly scheduled supervisor-student meetings, which involve some or all the following: rounding on service patients, participating in scheduled operative procedures, presenting cases and teaching topics, and discussing patient cases. As needed, engage in independent reading about patient conditions and prepare for direct patient. Present a case of interest the student was involved in and a brief literature review on the treatment or condition. Other patient care-related learning activities as assigned by instructors; these are dependent on the individual student, the patients under the student's care, and the location.

**Requisites:** MED SC-M 810, 811, 812, and 813**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** Yes, unlimited number of completions**Last Taught:** Fall 2025**Learning Outcomes:** 1. Perform a hypothesis-driven history and complete a targeted limb and spinal exam

Audience: Graduate

2. Develop and present a diagnosis and treatment plan and/or surgical indications for common orthopedic conditions/injuries

Audience: Graduate

3. Read and interpret plain radiographs of the limbs and spine

Audience: Graduate

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

Audience: Graduate

5. Develop and implement effective patient management plans

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

Audience: Graduate

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

Audience: Graduate

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

Audience: Graduate

11. Avoid medical jargon when communicating with patients and families

Audience: Graduate

12. Recognize limitations and seek assistance as appropriate

Audience: Graduate

13. Understand the process of obtaining informed consent prior to surgical intervention

Audience: Graduate

**RHAB MED 940 – ADULT ORTHOPEDICS FOR THE NON-ORTHOPEDIST ELECTIVE**

2-4 credits.

Direct patient care involving a spectrum of orthopedic conditions in an ambulatory setting with appropriate supervision by community orthopedic senior residents, fellows, and attending physicians. Participate in regularly scheduled supervisor-student meetings, which involve some or all of the following: rounding on service patients, participating in scheduled operative procedures, presenting cases and teaching topics, and discussing patient cases. Assess patients and generate weighted differential diagnoses, initial work-ups, and management plans. Independently read about patient conditions and prepare for direct patient care, as needed. Attend conferences associated with the assigned orthopedic surgery service. Complete other patient care-related learning activities as assigned by instructors; these are dependent on the individual student, the patients under the student's care, and the location.

**Requisites:** MED SC-M 810, 811, 812, and 813**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** Yes, unlimited number of completions**Last Taught:** Spring 2026**Learning Outcomes:** 1. Perform a hypothesis-driven history and complete a targeted exam

Audience: Graduate

2. Develop and present a weighted differential diagnosis for medical and surgical conditions

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. Develop and implement effective patient management plans

Audience: Graduate

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

Audience: Graduate

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

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