

## Elective Description

**Campus:** Southwest (Bismarck)

**Elective/Experience Title:** Techniques in Sports Medicine

**Location of Elective:** Bone & Joint Center – Bismarck, ND

**Department:** Surgery

**Course Number:** 9117-01

**Preceptor(s):** Timothy Juelson, MD

**Period(s) Offered:** June-December

**Number of students per period:** 1

**Course Prerequisites:** none

**Revised Curriculum Phase(s):** 2 & 3

**Purpose:** To provide education and experience in the care of patients who require orthopedic or sports injury rehabilitation services.

**Objectives:** Following successful completion of this elective, the student will be able to:

1. Demonstrate knowledge of musculoskeletal disorders and sports-related orthopedic injuries.
2. Perform complete histories and physical examinations and formulate diagnoses.
3. Collaborate with physical therapists, occupational therapists, and athletic trainers in the management, disposition, and prevention of orthopedic/sports injuries and acquired disabilities.

**Instructional Activities:** During this elective, the student will be involved in/experience:

1. Participating with preceptors in coverage of athletic events and sports medicine clinic activities.
2. Performing examinations used in the diagnosis of sports related injuries.
3. Performing modalities and exercises used in the treatment and prevention of orthopedic/sports injuries and acquired disabilities.
4. Observing and participating in sports specific physical therapy regimens and proprioceptive exercise physiology protocols commonly used in the rehabilitation of the injured athlete.
5. Reading assignments on relevant topics.

**Criteria for Grading:** During and following this elective, the preceptor will:

1. Utilize the standardized UNDSMHS senior elective evaluation form.
2. Evaluate by direct observation the student's level of skill in providing appropriate and accurate assessment of orthopedic/sports injuries or acquired disabilities.
3. Determine by discussion the student's ability to make appropriate patient referrals to physical therapists, occupational therapists, and athletic trainers.
4. Evaluate by question and answer method the student's knowledge gained from assigned readings.