Criteria necessary for accreditation of the subject “Immunology”

1) Mandatory classes:
   - clinical immunology/rheumatology class, 9th semester, date depending on elected group

2) Concordant class
   - Lecture clinical immunology/rheumatology, 8th semester, Wed. 1-2:30 pm
   - Lecture transfusion medicine, 8th semester, Tues. 11:30 am-12:15 pm

3) Seminar
   - Internet based cases (e-learning), 8th semester

4) Record of achievement:
   - Requirement for the exam is a successful completion of 10 E-learning cases
   - Multiple choice exam at the end of the 8th semester
   - Subject accreditation after the class in the 9th semester

5) Learning objective Rheumatology and clinical immunology
   - Knowledge of immunologic fundamentals
     Congenital and acquired immunity
     Types of immune responses
     Activation of autoimmunity
     Immunological test techniques
   - Evaluation parameter in rheumatology
     History, rheumatologic/orthopedic examination techniques, specific lab tests incl. autoantibodies and autoimmune serology, imaging, important activity indexes, function questionnaires
   - Frequent rheumatologic disorders
     Rheumatoid Arthritis, axial Spondyloarthropathy, Psoriatic arthritis, Systemic Lupus Erythematosus, Systemic Sclerosis, Sjögren’s Syndrome, Vasculitides (ANCA-associated, large vessel vasculitides), Reactive Arthritis, Gout, Myositides, Osteoarthritis, Septic Arthritis
   - Disorders seen in clinical immunology and allergology
     Congenital and acquired immune deficiencies, hypersensibility (Type I-IV)
   - Treatment strategies
     Pharmacotherapy: immunosuppressives, disease modifying antirheumatic drugs (DMARDs), Biologicals (cell- and cytokine oriented), conservative and operative treatment of arthropathies
- Problem management
  Comorbidities, infections, long-term treatment, therapy-associated side effects