

## Cycle view of the study programme

B1 Or Th Pr Au Cr

### Information

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Rheumatology  
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### Presentation

Ultrasound is an essential methodology used in Rheumatology. It allows a number of intra- and peri-articular processes to be identified and quantified. This allows more thorough analysis of the diagnosis and the evolution of rheumatoid conditions. The use of ultrasound as a 'stethoscope' for joints requires specific teaching which is closely related to the clinical approach. This course provides this specific teaching.

### Conditions of access

This training is intended for specialist doctors or those in their last year of specialisation in rheumatology who are authorised to practice in Belgium. Doctors in another speciality must obtain the approval of the course leaders. Those who are interested are asked to contact the course leader, who will consider their application (one of the prerequisites for the application is to have an ultrasound at their disposal, capable of performing good quality articular examinations).  
Number of enrolments: Minimum three students and maximum eight students.

### Duration

- 25 hours of theory classes: in-person lectures
- 38 hours of practical work: learning how to use ultrasound in small groups using ultrasound equipment
- 40 hours of internship :
- 20 hours of rheumatology ultrasound consultations at CHU Sart Tilman
- 20 hours of ultrasound consultations with the internship supervisor
- Total for the course : 20 ECTS.

### Collegiality

Coordinators : Michel MALAISE, Clio RIBBENS  
Béatrice ANDRE, Maryse HOEBEKE, Marie-Joëlle KAISER, Charline RINKIN, Muriel SPRYNGER, Christian VON FRENCKELL.

### Assessment

Successfully passing examinations (oral theory examination and practical examination: presentation of a case and ultrasound demonstration of various articular structures) leads to awarding of the certificate.

### Registration fee

- Full rate
- Students enrolled at the ULiege: 230 #
- Deadline for registration and payment: October 31

### Compulsory courses (B1 : 20Cr)

|            |   |    |     |    |   |   |
|------------|---|----|-----|----|---|---|
| MCER0215-1 | <i>Physical bases of ultrasound</i> - COLLÉGIALITÉ  | B1 | 1,5 | -  | - | 1 |
| MCER0216-1 | <i>Fundamental principles of different methods of learning about ultrasound</i> - COLLÉGIALITÉ  | B1 | 1,5 | -  | - | 1 |
| MCER0217-1 | <i>Image N</i><br>- <i>General aspects (synovial, cartilage, tendons/ligaments, muscles) and qualificative methods</i> - COLLÉGIALITÉ   | B1 | 3,5 | 4  | - | 1 |
|            | - <i>Each joint (shoulders, elbows, wrists, hands, hips, knees, ankles, feet, rachis, pelvis and sacro-iliac joints)</i> - COLLÉGIALITÉ |    | 5   | 10 | - |   |
| MCER0218-1 | <i>Pathologies</i><br>- <i>Rheumatoid arthritis (general, specific/joints, quantification)</i> - COLLÉGIALITÉ                           | B1 | 3   | 4  | - | 1 |
|            | - <i>Spondylarthritis (general, specific/joints, quantification)</i> -  |    | 1,5 | 3  | - |   |

|            |  |    |   |   |     |           |
|------------|--|----|---|---|-----|-----------|
|            | OLLÉGIALITÉ  |    |   |   |     |           |
|            | - <i>Arthrosis (general, specific/joints, quantification)</i> - COLLÉGIALITÉ | 2  | 4 | - |     |           |
|            | - <i>Tendinopathies (general, specific/joints, quantification)</i> -         | 3  | 4 | - |     |           |
|            | COLLÉGIALITÉ   |    |   |   |     |           |
|            | - <i>Vascularities (general, Horton)</i> - COLLÉGIALITÉ                      | 1  | 3 | - |     |           |
|            | - <i>Saliva glands/Sjögren</i> - COLLÉGIALITÉ                                | -  | 2 | - |     |           |
| MCER0219-1 | <i>Ultrasound-guided movements</i> - COLLÉGIALITÉ                            | B1 | 3 | 4 | -   | <b>1</b>  |
| MSTG9034-1 | <i>Placement</i> - COLLÉGIALITÉ - [40h Internship]                           | B1 | - | - | [+] | <b>15</b> |