

RCSJ MRI Program

Course Schedule

Week 1

- Intro to MRI
- MRI safety Video

Week 2

- Nuclear magnetism
- Nuclear excitation

Week 3

- Nuclear excitation continued
- Nuclear relaxation

Week 4

- Nuclear relaxation continued

Week 5

- Nuclear relaxation continued

Week 6

- MRI hardware

Week 7

- MRI safety

Week 8

- MRI safety

Week 9

- MRI safety

Week 10

- Pulse Sequences

Week 11

- Pulse Sequences

Week 12

- Advanced pulse sequences

Week 12

- Brain anatomy and protocols
- Intra and extra cranial vascular anatomy

Week 14

- Abdominal anatomy and protocols

Week 15

- Pelvic protocols and anatomy

Week 16

- MSK protocols and anatomy

Week 17

- Vascular anatomy

Week 18

- MRA imaging and procedures

Week 19

- Artifacts
- Spectroscopy

Week 20

- Parameters

Week 21

- Review

Week 22

- Review