

BMDE 660. ADVANCED MR IMAGING AND

Credits: 3

Offered by: Biomedical Engineering (Graduate Studies)

Terms offered: Winter 2026

[View offerings for Winter 2026 in Visual Schedule Builder.](#)

Description

Advanced magnetic resonance imaging and spectroscopy techniques to investigate the structure, connectivity, chemistry and physiology of the brain, including data acquisition and reconstruction techniques, scanner hardware, and contrast mechanisms. Focus on neuroscience applications.

- Prerequisites: PHYS 241, ECSE 304 or ECSE 306; PHYS 242 or ECSE 251

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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