

# NU BME CONCENTRATIONS

## Medical Imaging & Biophotonics

### Biomedical Imaging

<b>BMD_ENG 325</b>	<i>Introduction to Medical Imaging</i>
<b>BMD_ENG 327</b>	<i>Magnetic Resonance Imaging</i>
<b>BMD_ENG 333</b>	<i>Modern Optical Microscopy &amp; Imaging</i>
<b>BMD_ENG 414</b>	<i>Deep Learning for Biomedical Imaging</i>
<b>BMD_ENG 426</b>	<i>MRI Modelling of Brain Physiology</i>
<b>BMD_ENG 427</b>	<i>Advanced MRI Imaging</i>
<b>BMD_ENG 429</b>	<i>Advanced Physical &amp; Applied Optics</i>

### Related Coursework in Electrical Engineering & Computer Science

<b>ELEC_ENG 359</b>	<i>Digital Signal Processing</i>
<b>ELEC_ENG 379</b>	<i>Lasers and Coherent Optics</i>
<b>ELEC_ENG 418</b>	<i>Advanced Digital Signal Processing</i>