

Sample Plan of Study: MS Plan B Electromagnetics and Remote Sensing Area

Rev. 3 August 2006

Semester 1

| | | | |
|-------|---------------------------------------|-----|--|
| EE444 | Antennas and Radiation | (3) | |
| EE548 | Microwave Theory and Component Design | (3) | |
| EE512 | Digital Signal Processing | (3) | |

Semester 2

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|-------------|------------------------------------------|-----|--|
| EE549 | Radar Systems and Design | (3) | |
| EE534/EE535 | Analog Integrated Circuit Design and Lab | (4) | |
| EE513 | Digital Image Processing | (3) | |

Semester 3

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|-------|----------------------------------|-----|------------|
| EE536 | RF Integrated Circuit Design | (3) | |
| EE514 | Applications of Random Processes | (3) | |
| EE641 | Electromagnetics | (3) | Even Years |

Semester 4

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|-------|------------------------------------|-----|-----------|
| EE520 | Optimization for Comm. and Control | (3) | |
| EE642 | Time-Harmonic Electromagnetics | (3) | Odd Years |
| EE742 | Topics in Electromagnetics | (3) | Odd Years |
| EE580 | Computational Electromagnetics | (3) | Odd Years |

TOTAL CREDITS (40)

NOTE: This sample plan contains 40 credits of regular coursework. Only 32 credits are required for M.S. Plan B. Consult the ECE Graduate Student Handbook for complete requirements.