

Electrical Engineers: Photonics Concentration

July 2008

EE 2190: Introduction to Photonics, offered only in Spring semesters. Pre-reqs is MA3521/3520 and co-req is PH2200. If you'd like to do the concentration, take this course in Spring of your Sophomore year. If you decide not to pursue the photonics concentration, this course may apply to the EE degree as EE elective, Approved elective or Free elective credit. If you are not ready to take EE2190 in Spring of your Sophomore year, wait until Spring of your third year. With planning, it is still possible to earn the photonics concentration.

Plan ahead if you'd like to co-op or study abroad. Make sure you know your senior design options. If you are doing enterprise project work for senior design credit, you cannot co-op or study-abroad between ENT4950 and ENT4960. Some enterprises may be open during Summer, such as WCE and IME.

Concentration Requirements: Photonics electives - one course must be from this list if you began Fall 2006 or later:
[EE4256](#), [EE4257](#), [EE4290](#)

Complete list of photonics electives as of July, 2008:

- EE4252 Digital Signal Processing and Applications Fall
- EE4253 Real-Time Signal Processing Spring
- [EE4256](#) Fourier Optics Fall
- [EE4257](#) Digital Image Processing Spring
- [EE4290](#) Optical Communication Spring
- MY3700 Electronic, Optical and Magnetic Properties of Materials Spring
- PH3210 Optics Fall
- PH4510 Introduction to Solid State Physics Fall

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