

### Course Detail Information

<b>Course Number:</b>	1051-420
<b>Course Name:</b>	ENVIRONMENTAL APPLICATIONS OF REMOTE SEN
<b>Course Title:</b>	ENV APP REMOTE SENSING
<b>Course Description:</b>	An introduction to the wide range of environmental applications of remote sensing. Systems for detecting physical phenomena and analysis techniques for extracting useful information are described for active and passive sensors operating throughout the electromagnetic spectrum from both airborne and spaceborne sensors. The Earth's atmospheric, hydrospheric and terrestrial processes are examined at a global scale. Application areas studied include monitoring vegetation health, identifying cultural features, assessing water resources, and detecting pollution and natural hazards. (1017-213 or permission of instructor) Class 4, Credit 4 (W)
<b>Credit Hours:</b>	4
<b>Course Notes:</b>	
<b>Section Types Offered:</b>	Lecture
<b>Future Term Offerings:</b>	<i>No future term offerings currently available.</i>