

**Department: Environmental Engineering**  
**Program: PhD in Environmental Engineering**

Skill Set	Professional Application	Delivery of Skill Set Courses, extracurricular activities, etc. in which the skill set is introduced (I), reinforced (R), or mastered (M)
Knowledge-based skills	<p>Ability to demonstrate in-depth competence (i.e., advanced knowledge and skills) for professional practice in environmental engineering including designing, optimizing, predicting or better managing air, land and water resources systems using advanced technologies, discovery and innovation.</p> <p>Ability to integrate environmental regulations and policies into advanced engineering applications and decision-making.</p>	<p>EVEN 6308 (R/M)  EVEN 6309 (R/M)  EVEN 6311 (R/M)  EVEN 6312 (R/M)  EVEN 6318 (R/M)  EVEN 6319 (R/M)  EVEN 6329 (R/M)  EVEN 6332 (R/M)  EVEN 6340 (R/M)</p>

<b>Skill Set</b>	<b>Professional Application</b>	<b>Delivery of Skill Set</b> Courses, extracurricular activities, etc. in which the skill set is introduced (I), reinforced (R), or mastered (M)
	<p>successfully engage other engineers, stakeholders or communities and diversity in the workforce;</p> <p>Demonstrate leadership and team building skills.</p>	<p>Presentations in conferences or professional meetings (M)</p> <p>Conference proceedings and journal publications (M)</p>