Department: Environmental Engineering
Program: BS 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	Abilities in engineering design, science and mathematics to function effectively in global technological change innovation. Abilities to integrate environmental regulations and policy into engineering decision making.	EVEN 2304 (I) EVEN 2311 (I) EVEN 2372 (I) EVEN 3320 (I/R) EVEN 3321 (I/R) EVEN 4301 (I/R) EVEN 4304 (I/R) EVEN 4306 (I/R) EVEN 4386 (I/R)
Problem-solving skills	Analytical skills include the ability to comprehend, define and analyze global environmental problem; Creativity to identify alternate solutions and envisioning possible unanticipated consequences of the solution.	EVEN 2310 (I) EVEN 3320 (R) EVEN 3328 (R) EVEN 4102 (R) EVEN 4301 (R) EVEN 4303 (R) EVEN 4304 (I/R) EVEN 4306 (R) EVEN 4386 (R)
Professional skills	Strong communication skills	

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