Descriptions for Core Courses (Required)			Elective Courses (must take 3)
Rice University	**CEVE 533 Physical-Chemical Processes in Environmental Engineering-** Introduction to colloid and surface chemistry, precipitation, settling, packed bed filtration, membrane separations, and other operations used in environmental pollution control and potable water treatment	**CEVE 536 Environmental Biotechnology -** Theory and application of biochemical processes in environmental engineering	**CEVE 401 Introduction to Environmental Chemistry** **CEVE 412 Hydrology & Watershed Analysis** **CEVE 511 Atmospheric Chemistry / Physics** **CEVE 512 Hydrologic Design Lab** **CEVE 518 Groundwater Hydrology and Contamination** **CEVE 550 Environmental Organic Chemistry** **CEVE 406 - Introduction to Environmental Law** **CEVE 411 Air Resourse Managent** **CEVE 424 Chemical Transport & Fate in the Env.** **CEVE 443 Atmospheric Science** **CEVE 508 Remediation Technologies** **CEVE 534 Transport Phenomena & Env. Modeling** **CEVE 630 Membr. Proc. / Spec.Topics-Colloid / Nanochem.** **CEVE 631 Env. Systems Analysis**