

# Environmental Engineering - Joint (ENVJ)

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ENVJ 5101 [0.5 credit] (CHG 4301)  
Air Pollution Control Process

ENVJ 5105 [0.5 credit] (CHG 8132)  
Adsorption Separation Process

ENVJ 5304 [0.5 credit] (CHG 8158)  
Porous Media

ENVJ 5500 [0.5 credit] (CHG 8153)  
Statistical Modeling and Control of Dynamic Processes

ENVJ 5501 [0.5 credit] (CHG 8181)  
Biochemical Engineering

ENVJ 5502 [0.5 credit] (CHG 8192)  
Membrane Applications in Environmental Engineering

ENVJ 5503 [0.5 credit] (CHG 8198)  
Reverse Osmosis

ENVJ 5504 [0.5 credit]  
Membrane Separation Processes

ENVJ 5505 [0.5 credit] (CHG 8195)  
Advanced Numerical Methods in Transport Phenomena

ENVJ 5506 [0.5 credit] (CHG 8186)  
Modeling of Steady-State Processes

ENVJ 5507 [0.5 credit] (CHG 8196)  
Interfacial Phenomena in Engineering

ENVJ 5604 [0.5 credit] (CVG 5128)  
Water Resources Planning and Policy

ENVJ 5608 [0.5 credit] (CVG 5135)  
Water Supply and Sanitation in Developing Countries

ENVJ 5700 [0.5 credit] (CVG 5139)  
Environmental Assessment of Civil Engineering Projects

ENVJ 5701 [1.0 credit]  
Special Topics Enviro Engin I

ENVJ 5702 [1.0 credit]  
Special Topics Enviro Engin II

ENVJ 5703 [1.0 credit]  
Special Topic Enviro Engin III

ENVJ 5900 [0.5 credit] (CVG 5130)  
Wastewater Treatment Process Design

ENVJ 5901 [0.5 credit] (CVG 5132)  
Unit Operations of Water Treatment

ENVJ 5902 [0.5 credit] (CVG 5138)  
Advanced Water Treatment

ENVJ 5903 [0.5 credit] (CVG 5331)  
Sludge Utilization and Disposal

ENVJ 5905 [0.5 credit] (CVG 5137)  
Water and Wastewater Treatment Process Analysis

ENVJ 5906 [0.5 credit] (CVG 5133)  
Solid Waste Disposal

ENVJ 5907 [0.5 credit] (CVG 5134)  
Chemical Analysis for Environmental Engineering

ENVJ 5908 [0.5 credit] (CVG 5179)  
Anaerobic Digestion

ENVJ 5909 [0.5 credit] (CVG 5180)  
Biological Nutrient Removal

ENVJ 5911 [0.25 credit] (CVG 5232)  
Unit Operations of Water Treatment Lab

ENVJ 5912 [0.25 credit] (CVG 5238)  
Advanced Water Treatment Processes Lab

ENVJ 6002 [0.5 credit]  
Sludge Processing, Utilization

ENVJ 8191 [0.5 credit] (CHG 8191)  
Selected Topics in Chemical Engineering

**Summer session:** some of the courses listed in this Calendar are offered during the summer. Hours and scheduling for summer session courses will differ significantly from those reported in the fall/winter Calendar. To determine the scheduling and hours for summer session classes, consult the class schedule at [central.carleton.ca](http://central.carleton.ca)

Not all courses listed are offered in a given year. For an up-to-date statement of course offerings for the current session and to determine the term of offering, consult the class schedule at [central.carleton.ca](http://central.carleton.ca)