

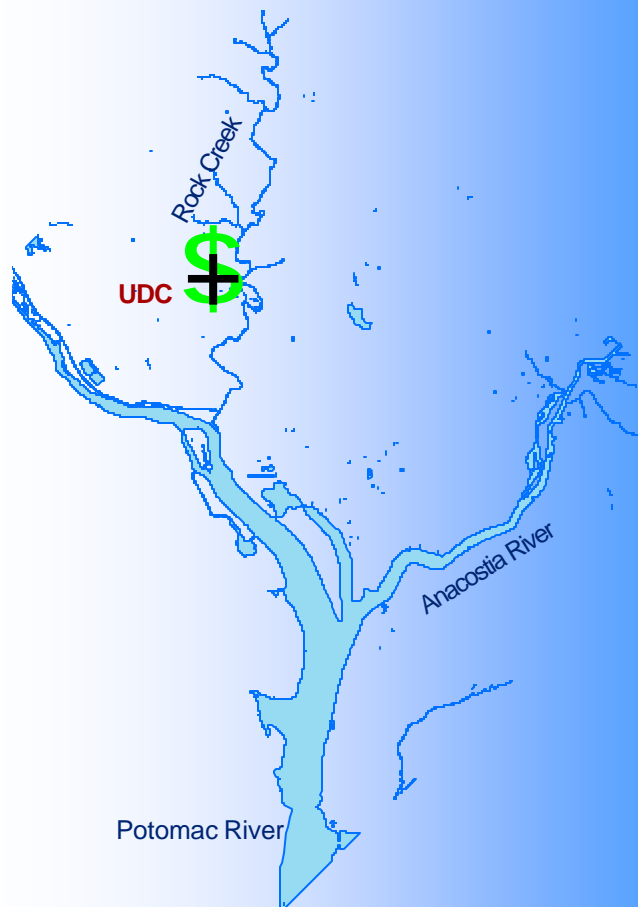
## About UDC

### A SUPERIOR EDUCATION WITH A GLOBAL FOCUS.

Located in Northwest DC, the University System of the District of Columbia is the only land-grant public institution of higher education in the nation's capital. The selective flagship university offers baccalaureate, graduate, and professional degrees through its five colleges: College of Arts and Sciences; College of Agriculture, Urban Sustainability and Environmental Sciences; School of Business and Public Administration; School of Engineering and



Applied Sciences; and the David A. Clarke School of Law. The open-admission Community College of the District of Columbia (CCDC) provides associates degrees and workforce-development programs. Building on a 159-year record of providing quality, affordable, and accessible higher education, the University serves the 21st-century academic needs of the people of the District of Columbia and nation.



### Contacts:

#### **Tolessa Deksissa, Ph.D.**

*Program Director*  
PSM in Water Resources Management  
psmwrms@udc.edu  
202-274-5273

#### **Gloria Wyche-More, Ph.D.**

*Dean*  
CAUSES  
causes@udc.edu  
202-274-7124

#### **Beverly K. Hartline, Ph.D.**

*Graduate Dean*  
graduate-dean@udc.edu  
202.274.7075



UNIVERSITY OF  
THE DISTRICT  
OF COLUMBIA



## CAUSES

**College of Agriculture, Urban Sustainability and  
Environmental Sciences**



**PSM**  
PROFESSIONAL  
SCIENCE MASTER'S

**Water Resources Management**

**www.udc.edu**

## About PSM Program

**Professional Science Master's (PSM)** program in **Water Resources Management** is a unique professional degree that combines graduate studies in water quality, water quantity, and environmental sciences with coursework in business, management or policy. It is an interdisciplinary and practical graduate program that includes an internship in an employer work places, for example in government or private sector.



The PSM in Water Resources Management prepares graduates for effective science communication and problem solving skills, entrepreneurship and technical innovation, in order to address the global challenges of water availability, quality and sustainability. Upon successful completion of the program, students will be prepared for competitive and innovative water resources management positions.

## Industry Partners

The PSM program in Water Resources Management partners with private, governmental and non-profit organizations that manage water and water-related activities in the nation's capital region. Industrial partners play a vital role in the PSM programs, serving on the advisory board, providing scholarships and internships, and supporting student participation, including opportunities for their own employees who enroll in the program to earn a master's degree that is directly relevant to the demands of their workforce.

## Program Requirements

The Water Resources Management accepts application for **Fall Term** enrollment (**Application Priority Deadlines** are **May 15 for International Students** and **June 15 for US students**). Working professionals who have a B.S. degree with strong background in math, science or engineering are encouraged to apply. Applicants must also meet university-wide admission requirements ([http://www.udc.edu/admission/grad\\_students.htm](http://www.udc.edu/admission/grad_students.htm)). For this program, the admissions criteria include, but are not limited to, GRE, GPA, references, personal statements, and work experience relevant to the program. Students must also have basic knowledge of information technology. A minimum of 35 credits is required to graduate, and the program can be completed in 2 year by full time student. Requirements include:

- 15 credits of hydrosience courses
- 12 credits of core water resources management courses
- 7 credits of professional (science-plus) courses and
- A 4-credit internship/capstone seminar.

## Curriculum In detail:

- Water and Wastewater Quality Assessment, Monitoring & Treatment, lecture/lab (3 credits)
- Research method, Statistics & Data Mining (3 credits)
- Surface & Ground water Hydrology, lecture/lab (3 credits)
- Public Communication for STEM Professionals (3 credits)
- Environmental Impact Assessment: Integrated project (3 credits)
- Ethics, Responsible Conduct of Research and Professional responsibility (1 credit)
- GIS for Water Resource Management (3 credits)
- The Systems Approach and Project Management (3 credits)
- Stream Restoration, lecture/lab (3 credits)
- Water Quality Modeling, lecture/lab (3 credits)
- Internship (3 credits)
- Advanced Public Human Resources Management (3 credits)
- Capstone Seminar (1 credit)

