Welcome to the
Department of Mathematical Sciences

Professor J. Champanerkar

WPU: Four Colleges

Colleges at WPU
Arts, Humanities & Social Sciences
Business
Education
Science & Health

College of Science & Health

College of Science and Health

- Biology
- Chemistry
- Communication Disorders & Sciences
- Computer Science
- Environmental Science
- Kinesiology
- Mathematical Sciences
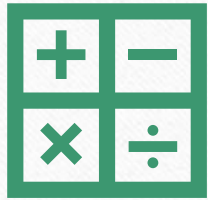- Nursing
- Public Health

Mathematical Sciences
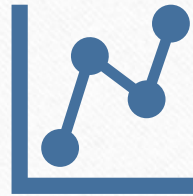
Mathematical Sciences: UG Degrees Offered

- Undergraduate
  - BA Mathematics
  - BS Mathematics
  - BS Actuarial Science

120 credits

Mathematical Sciences:
Minors (~18 credits) offered

Mathematics   Statistics   Physics
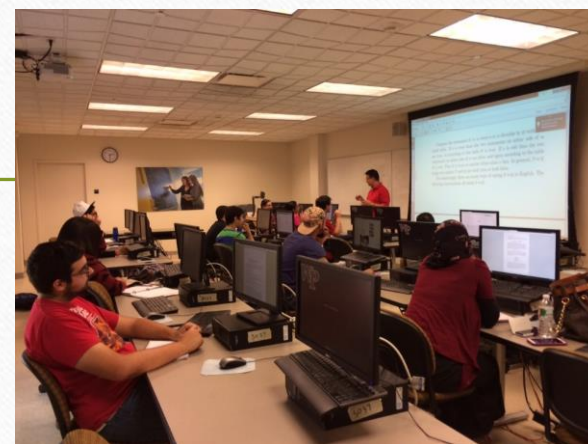
Mathematical Sciences

- 11 full-time faculty members (Spring 2023)

- 10 adjunct faculty (varies)

- 1 full-time staff person

- About 63 students majoring in Math (As on 1/30/23)

- About 15 students minoring in Math

- 11 Bachelors degrees conferred in AY 2022 (As on 1/30/2023)

- Mean GPA of graduating class 3.2

Academic Resources

- Mathematics Learning Center
- Supplemental Instruction
- Professor's office hours
- Computing Lab
- Mathematica, SAS, SPSS, R, Python

- Placement Test – IMPORTANT
- Math Club
- Pi Mu Epsilon Honor Society
- Actuarial Club
- Research Opportunity (Capstone Projects, Summer Research)

Mathematics Learning Center
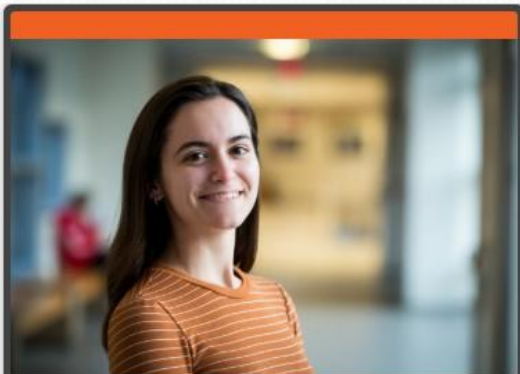
Mathematics Computer Lab

Students – our pride

Students – our pride

Alumni

Academic

- Teaching in K-12
- Teaching in college
- Doctoral Programs
- Academic Administration

Industry - based

- Pharmaceutical Industry
- Data Science
- Actuary
- Statistician jobs
- Cost Analysts

College of Science and Health

- Biology
- Chemistry
- Communication Disorders & Sciences
- Computer Science
- Environmental Science
- Kinesiology
- Mathematical Sciences
- Nursing
- Public Health

Computer Science

Computer Science: UG programs

120 credits

Majors

- BS Computer Science
- BS Information Technology

Minors

- Computer Science
- Computer Information Systems

MaCS Scholars Program

Supporting UG Mathematics and Computer Science Students with Scholarships (MaCS) and Culturally Responsive Mentoring
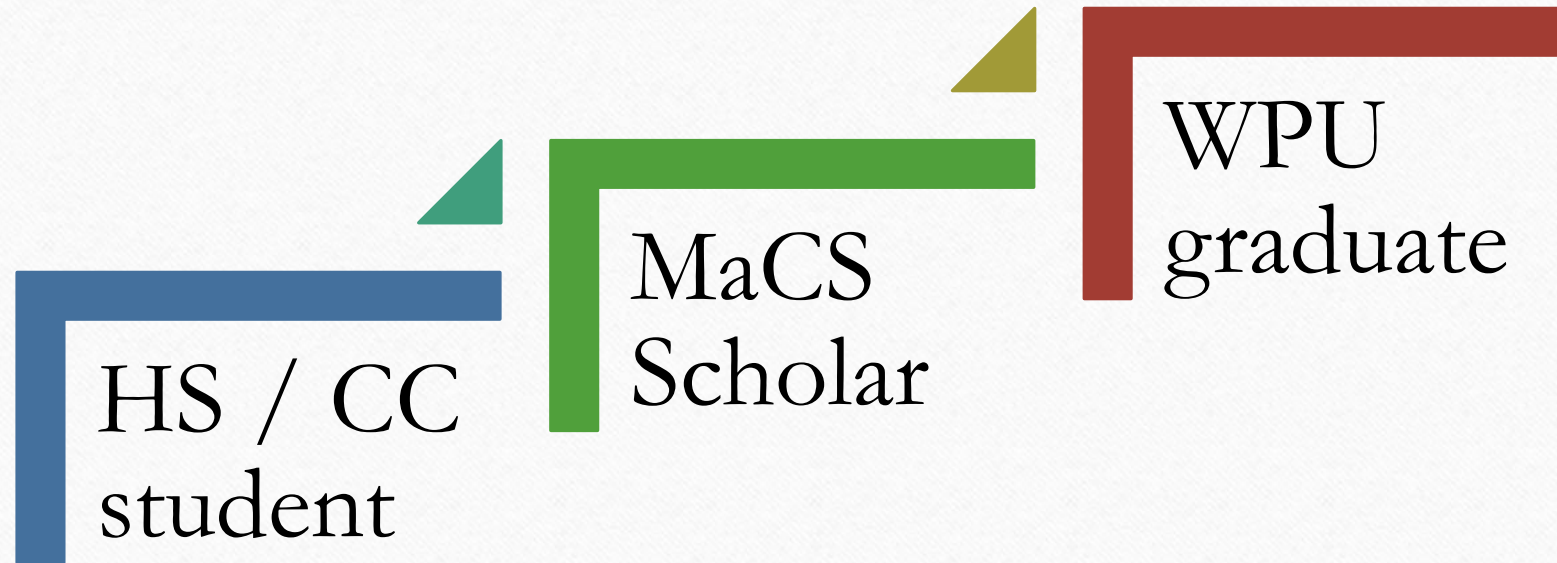
MaCS Scholars Program Team

- Jyoti Champanerkar, Mathematical Sciences

- Paul von Dohlen, Mathematical Sciences

- Cyril S. Ku, Computer Science

- Weihua Liu, Computer Science

- Djanna Hill, Community & Social Justice and Teacher Education

- V. Sharma, Dean COSH (STEM Administrator)

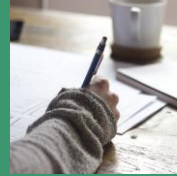- P. Bischoff, Professor and Chair, Science Education, SUNY Oneonta, NY

Seven Partner Schools

- Bergen Community College
- Manchester Regional High School
- Passaic County Community College
- Passaic County Technical Vocational Schools
- Paterson Charter School for Science & Technology
- Paterson Public Schools - School of Information
- Paterson Public Schools JFK Educational Complex - The School of STEM

Smooth transition from HS / CC to WPU

HS / CC
student

MaCS
Scholar

WPU
graduate

MaCS Scholars Program

Enroll academically talented, low-income students as MaCS scholars

Provide mentoring, scholarships, networking opportunities

Support timely graduation

Academic criteria

Major in (at least 1)

- Mathematics (BA-MATH or BS-MATH)
- Computer Science (BS-CS)
- Information Technology (BS-IT)

Maintain good GPA (2.75+)

MaCS Scholars Program @ WPU

More information

https://www.wpunj.edu/cosh/macs-scholars-program/

 To apply

https://www.wpunj.edu/cosh/macs-scholars-program/forms-info.html