

# The Visual and Automated Disease Analytics Program

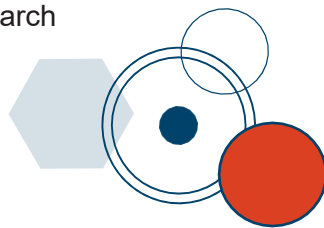
The Visual and Automated Disease Analytics (VADA) Program aims to train the next generation of health, health informatics, and computational science graduate students to translate complex health data into insights that can be used to improve the health of populations and support health care decision making.



## Program Skills Development

Students foster skills in software programs such as R, Python and Tableau by working with real datasets and problems. Professional competencies are also developed in such areas as:

- Responsible conduct of research
- Communications
- Entrepreneurism
- Project management
- Professional and personal development



## Program Structure and Length

Students complete the VADA Program in one year while concurrently completing their degree program requirements. The VADA Program has four components:

- Foundations of Disease Analytics Course (3 credit hours offered over two semesters)
- Summer School
- Internship (8 weeks for Master's students and 16 weeks for Doctoral students)
- A thesis project focused on data visualization and/ or advanced analytics (e.g., statistical or machine learning, network analysis) for chronic or infectious diseases

## Financial Support

Students are eligible for one year of funding. Current stipends are \$19,000 for Master's students and \$23,000 for Doctoral students.

## Who is Eligible to Apply?

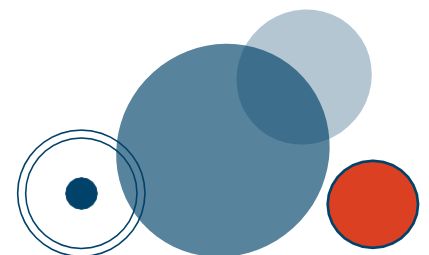
To be eligible for the VADA Program, students must be accepted into one of a select number of thesis-based graduate programs (Master's or PhD) at the University of Manitoba or University of Victoria, AND have a graduate advisor or co-advisor who is a member of the VADA Program faculty team. Participating advisors and graduate programs are from:

- **University of Manitoba:** Departments of Bioinformatics, Biochemistry & Medical Genetics, Computer Science, Community Health Sciences, Mathematics, Microbiology, Medical Microbiology and Infectious Diseases, Pediatrics and Child Health, Psychology, and Statistics.
- **University of Victoria:** Departments of Computer Science, Health Information Science, Social Dimensions of Health, Mathematics, and Statistics.

## Contact Us Today

Learn more about The VADA Program today by visiting [vada.cs.umanitoba.ca](http://vada.cs.umanitoba.ca) or contacting our Program Coordinator:

[vada.program@chimb.ca](mailto:vada.program@chimb.ca)  
204.789.3831



The VADA Program  
Visual and Automated Disease Analytics  
Graduate Training Program



University  
of Victoria



University  
of Manitoba