

Professional Science Masters Degree in Biostatistics at Grand Valley State University

Curriculum

The Professional M.S in Biostatistics consists of 36 credits with a minimum cumulative GPA of 3.0.

Four common courses (11 credits) are shared with the other Professional Science Masters programs in Medical Bioinformatics and Biotechnology:

- STA 610 Applied Statistics for Health Professions or STA 622 Statistical Methods for Biologists
- CMB 610 Foundations of Biotechnology
- CS 661 Introduction to Medical/Bioinformatics
- PSM 650 Ethics and Professionalism in Applied Science

Common seminar courses (PSM 661 and PSM 662) are important inter-disciplinary opportunities for the three programs. The internships (PSM 691, minimum 4 credits) takes place in workplace partner organizations. These experience(s) will be supervised by Grand Valley faculty to meet properly outlined criteria and objectives.

Directed Courses (credits in parentheses):

- STA 616 Statistical Programming (3)
- STA 621 Design of Experiments and Regression (4)
- STA 623 Categorical Data Analysis (2)
- STA 625 Clinical Trials (2)
- STA 630 Perspectives in Advanced Biostatistics (3).

Electives (4 credit minimum) are selected, with advisor approval based on interest and relevance.

For further information, contact:

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