**Brandeis University, Division of Graduate Professional Studies**  
**Adjunct Faculty, Bioinformatics**

Are you an industry expert looking for the chance to shape the future of your field and mentor your next generation of colleagues? If so, then teaching online for Brandeis University’s Division of Graduate Professional Studies (GPS) might be right for you. GPS offers fully online, part-time master’s degrees in fields such as Bioinformatics, Health and Medical Informatics, and Strategic Analytics. Brandeis is consistently ranked among the nation’s top universities, and our online courses are developed using best practices in online learning.

### Course-Specific Qualifications

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<th>Job Summary</th>
<th>Teach a 10-week online graduate course in the Bioinformatics degree program.</th>
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<tr>
<td>Course(s)</td>
<td>Statistical Genetics (RBIF115)</td>
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| Subject Matter Qualifications | • Minimum of 5 years of professional experience in using statistical genetics approaches to detect disease and quantitative trait loci in experimental and human populations. This includes experience with, and understanding of, basic genetics, genomics, and genetic epidemiology.  
• Experience with large GWAS studies is required. This should include experience with approaches to enriching GWAS through genotype imputation, GSEA, and meta-analysis.  
• Experience with analysis, storage, and manipulation of large datasets. This should include experience/knowledge of pharmacogenetics and analysis of NGS datasets. |

### General Responsibilities, Skills and Qualifications

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<th>Job Title</th>
<th>Graduate Professional Studies, Adjunct Faculty</th>
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| General Job Responsibilities | • Adhere to all policies and procedures as referenced in the GPS Instructor Policy Manual.  
• Depending on the needs of the course, and consistent with the GPS Online Course Standards:  
  o Develop a syllabus following program chair guidance and the syllabus template.  
  o Develop content that aligns with course outcomes and offers the author’s experiences and perspectives on key points.  
  o Deliver the course according to our teaching standards, which include actively facilitating online discussions, providing relevant and timely feedback on student work, reporting grades, and discussing student issues with staff.  
  o Create or refine the course site in the Moodle learning management system. |
| General Skills | • Strong interpersonal skills when relating to students.  
• The ability to communicate effectively in writing, including conveying complex information and promoting in-depth engagement on course topics.  
• The ability to devote adequate time to courses, including responding to students and providing meaningful feedback in a timely manner. |
| General Qualifications | • Master’s Degree required; PhD preferred.  
• At least 5 years of experience in a related field.  
• Teaching experience preferred.  
• Online teaching or learning experience preferred. |