Temporary Online Course Developer - RABE 130 Artificial Intelligence & Machine Learning in Drug Development

higheredjobs.com/search/details.cfm

Type: Adjunct/Part-Time
Salary: Compensation: $3,000
Category: Curriculum Design; +2

Job Number: R0012389

Location: Remote (U.S.-based only)
Division: Rabb School of Continuing Studies, Brandeis University
Compensation: $3,000 (Approx. 65 hours over 12 weeks)

Brandeis University's Rabb School of Continuing Studies is seeking a skilled online course developer to design and build a new three credit asynchronous online course titled: RABE 130 Artificial Intelligence & Machine Learning in Drug Development.

This role is for an experienced academic and curriculum strategist to serve as an Online Course Developer within Brandeis Online's graduate program. The developer will design and build asynchronous, instructor-facilitated online courses aligned with institutional learning outcomes, accreditation standards, and workforce relevance. This course explores the use of AI and ML in pharmaceutical R&D. Topics include data preprocessing, predictive modeling, and applications in target identification, drug screening, and clinical trial optimization. Students gain hands-on experience using tools and algorithms to analyze real-world biotech data sets.

Responsibilities:

The development of an online asynchronous course entails the creation and/or selection of elements as outlined in the Brandeis Online Course Standards. Required components include a Brandeis-compliant syllabus, instructor-created materials informed by current industry knowledge, learning objects, and applied assignments and assessments aligned to course and program outcomes.

The Developer is responsible for the substantive content and pedagogical strategies of the course and agrees to uphold Brandeis's academic standards and online course development guidelines.

Throughout the design process, the Developer will collaborate with Brandeis Online staff, adhere to technical requirements for LMS integration, and meet project milestones. Course drafts will be submitted at designated intervals for feedback, and final approval will be contingent upon a comprehensive design review by a Learning Designer, and Brandeis Online.

Qualifications:

- Deep knowledge of course-specific applications and industry practices
- Ph.D. or M.S.Current employment or recent experience in the biotechnology, pharma, or data science sector
- Experience presenting scientific or technical data to internal or external stakeholders
- Expertise in communication strategies and data visualization techniques
- At least 1 year of teaching or training experience (preferably online/asynchronous)
- Minimum 1 year experience developing asynchronous online courses for adult learners in higher education
- Proficiency with LMS platforms and digital authoring tools
- Familiarity with analytical tools, collaborative platforms, and interdisciplinary teamwork
- Strong communication, organization, and independent work skills
- Familiarity with curriculum design, accreditation standards, and graduate-level rigor
- Ability to translate interdisciplinary content into engaging, accessible learning pathways

- Strong writing and editing skills to produce cohesive, learner-centered experiences

Preferred Experience:

- Experience teaching or developing graduate-level online courses
- Knowledge of global learner personas and culturally responsive pedagogy
- Familiarity with Moodle LMS and digital authoring tools (e.e., H5P)
- Familiarity with experiential learning models and employer-aligned curriculum

Additional Details:

- Fully remote (U.S.-based applicants only; no visa sponsorship)
- 12-week development timeline (~65 total hours)
- Compensation: $3000

Pay Range Disclosure

The University's pay ranges represent a good faith estimate of what Brandeis reasonably expects to pay for a position at the time of posting. The pay offered to a selected candidate during hiring will be based on factors such as (but not limited to) the scope and responsibilities of the position, the candidate's work experience and education/training, internal peer equity, and applicable legal requirements.

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Related Searches:

- Curriculum Design
- Instructional Technology and Design
- Online and Distance Education Programs

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