



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

**Lecturer (Teaching and Scholarship) in Data Science,
School of Music, Faculty of Arts, Humanities and Cultures**



Salary: Grade 8 (£51,753 - £59,966 p.a. pro rata)

Reporting to: Prof Barbara Kelly, Head of School

Reference: AHCMU1043

0.5 FTE, Ongoing

Location: University of Leeds Main Campus. We are open to discussing flexible working arrangements.

Lecturer (Teaching and Scholarship) in Data Science School of Music

Overview of the Role

Are you an enthusiastic teacher, practitioner or researcher, committed to delivering a first class learning and teaching experience with a demonstrated ability to teach effectively at undergraduate and postgraduate level? Are you passionate about delivering an exceptional student experience in a research-intensive Russell Group University?

The School of Music seeks to appoint a Lecturer in Data Science to teach on, enhance and develop a range of taught postgraduate and undergraduate programmes focusing on data science applications in the music industry.

You will possess a postgraduate degree and have relevant professional experience, and have the ability to teach undergraduate and taught postgraduate students in your specialist field using a diverse range of methodologies. You will be able to collaborate with colleagues to develop and contribute to both new and existing modules and programmes of study.

We particularly encourage applicants with experience in data science and digital marketing within the global music industry, either in a recording /streaming context, music publishing or live music.

Though this post is offered as a Teaching and Scholarship contract, candidates who are actively engaged in research may have the opportunity to move to a Teaching and Research contract at a later date, if the necessary criteria are met.

The School of Music may offer support for PhD plans, if applicable.



Main duties and responsibilities

As a Lecturer (T&S), your main duties will include:

Teaching and learning:

- Delivering education relating to where music and data science converge at different levels on undergraduate and postgraduate taught courses and taking part in other teaching activity, including promoting and developing student competencies related to enquiry and research, core to a research-based education;
- Establishing and maintaining expertise at the forefront of your field/disciplinary area and incorporating this into your teaching;
- Forming part of a University-wide cohort community, taking part in regular events, sharing good practice, and working collaboratively with project teams across the institution;
- Contributing to the planning, design, development, delivery and review of learning units (modules, programmes) within relevant subject areas;
- Playing an active part in the development and adoption of teaching and learning practice in the School;
- Contributing disciplinary pedagogic expertise and experience to areas of the curriculum, facilitating and encouraging colleagues to think creatively and innovatively about development of teaching and learning practice;
- Taking a leading role in the development of teaching and learning practice in the school, with an emphasis on inclusion, active learning, project-based learning and technology-enhanced learning.

Curriculum review and redesign

- Working as part of a team to develop approaches to support educators in their development, e.g. assessment of knowledge and perceived abilities, scholarship of teaching and learning, and review of the effectiveness of innovations;
- Contributing to Equality, Diversity and Inclusion initiatives that create an inclusive learning environment within the school, ensuring we attract and retain the best students from all backgrounds, from across the world and support them to flourish;
- Facilitating and supporting colleagues to use appropriate tools and technology to support and promote curriculum mapping and design;



- Working closely with the Curriculum Redefined project and faculty teams to formulate, implement and evaluate curriculum strategy and ensure it proceeds according to plan;
- Working with Student Education Leadership in the school/ faculty to co-ordinate and communicate timelines across project components.

Education research and scholarly activity:

- Carrying out scholarship of teaching and learning, inform ongoing innovative curriculum design and delivery, and contribute to the thinking and understanding of the sector (e.g. through scholarly publications and posts, discussions, conference participation etc.);
- Contributing to the production of high-quality and innovative learning materials and resources to support learning and teaching in the school and discipline(s);
- Contributing to the development of innovative approaches to teaching and learning;
- Conducting other scholarship activities such as investigating barriers to attainment in higher education; creating open education resources, contributing to textbooks, and other priorities agreed with the Head of School.
- Contributing to pedagogic research and/or the development of teaching policy and practice, disseminating findings/developments across the wider academic or professional community.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

Qualifications and skills

Essential

- A postgraduate degree in data science, computer science or a related area;
- Strong background in data science within a music context, demonstrated through academic research/teaching or through professional experience.
- Strong background in data science and machine learning within the music industry, demonstrated through practical experience in one or more music-related applications such as recommendation systems, market analysis, streaming data analytics, audio analysis, or music information retrieval.
- Software engineering capabilities including thorough knowledge of Python and scientific libraries (NumPy, SciPy, scikit-learn), proficiency with major Deep



Learning frameworks (PyTorch, TensorFlow), and experience with music-specific software tools and APIs;

- Proven ability to communicate and teach undergraduate and/or postgraduate students effectively with an enthusiastic approach to teaching and developing teaching materials in the specific subject area;
- Evidence of contributing to teaching and learning policy and practice within a school/department (or equivalent), discipline or subject area, including experience of module/programme review and enhancement;
- Evidence of working to promote equality, diversity and inclusion in Student Education, and supporting the needs of a diverse student population.
- A demonstrated commitment to scholarly excellence in the subject specific area including the development of creative and innovative teaching methodologies including the effective use of new and creative learning and teaching technologies;
- Evidence of a willingness to develop teaching experience equivalent to meeting the criteria of the Higher Education Academy, or undertake a teaching qualification appropriate for higher education;

Desirable

- A PhD or equivalent in a relevant discipline;
- Expertise in digital marketing within the music;
- Interest in a broader range of areas within music.
- Developed professional network in the music industry.
- Evidence of significant contributions to the scholarship of teaching and learning, with a record of successfully obtaining resources to deliver a significant educational activity;
- An understanding of policy and strategic issues relating to teaching and learning in Higher Education.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.



Contact information

To explore the post further or for any queries you may have, please contact:

Prof Bryan White- Professor in Musicology

Email: B.White@leeds.ac.uk

Additional information

Working at Leeds

We are a campus-based community and regular interaction with campus is an expectation of all roles in line with academic and service needs and the requirements of the role. We are also open to discussing flexible working arrangements. To find out more about the benefits of working at the University and what it is like to live and work in the Leeds area visit our [Working at Leeds](#) information page.

Our University

As an international research-intensive university, we welcome students and staff from all walks of life. We foster an inclusive environment where all can flourish and prosper, and we are proud of our strong commitment to student education. Within the School of Music we are dedicated to diversifying our community and we welcome the unique contributions that individuals can bring, and particularly encourage applications from, but not limited to Black, Asian, people who belong to a minority ethnic community; people who identify as LGBT+; and disabled people. Candidates will always be selected based on merit and ability.

Information for disabled candidates

Information for disabled candidates, impairments or health conditions, including requesting alternative formats, can be found under the 'Accessibility' heading on our [How to Apply](#) information page or by getting in touch by [emailing HR via hr@leeds.ac.uk](mailto:hr@leeds.ac.uk).

Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.



Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

