



Vacancy Notice: Assistant Librarian, Systems & Development (P1)

Job title Assistant Librarian, Systems & Development

Organizational Unit: University Library

Grade: P1

Duty Station: Malmö, Sweden

Duration of contract: Two-year fixed-term appointment with possibility of further renewals

1. Organizational setting

The World Maritime University (WMU) is a postgraduate and research university established in 1983 by the International Maritime Organization, the maritime agency of the United Nations. WMU offers M.Sc. and Ph.D. programmes, Postgraduate Diplomas, and Professional Development Courses (PDCs) with the highest standards in maritime and oceans education and training. WMU also has a highly respected research programme supported by specialized research groups across the maritime and ocean fields.

The Assistant Professor position is located in the Faculty unit at WMU's headquarters in Malmö, Sweden.

2. Main purpose

The incumbent will work under the supervision of the University Librarian to provide library technical support for the university curriculum, faculty research and the research of the Global Ocean Institute; develop and maintain online systems for hosting, managing and sharing data and information services between university research projects and the maritime and oceans community, to include applicable government agencies and agencies of the United Nations, other universities and research institutes, and key partners in industry; follow emerging technologies and make recommendations of those that can be exploited to enhance the university's library services; and perform general library work as needed on behalf of a diverse student body and faculty.

As a member of the library professional staff at WMU, the incumbent will work to keep WMU positioned as an academic institution of excellence, help advance the institution and build its reputation in the relevant field of expertise.

3. Working relationships

Internal contacts – Incumbent liaises and interacts with library staff and IT staff on a regular basis, as well as with faculty members and research and support staff as required.

External contacts – Incumbent liaises with library database and online service vendors, research organizations, intergovernmental organizations, non-governmental organizations, and engages with other developers in the library and research community.

4. Duties, responsibilities

Responsibilities

The Assistant Librarian, Systems & Development, is expected, under the supervision of the University Librarian, to:

- Manage continuous development cycle of library's public information portal based on emerging standards of authentication and authorization, and integration of third party databases and local resources via federated searching, data meshing, and/or social linking; enhance user interfaces as required using HTML, CSS, JavaScript and APIs.
- Develop bespoke data and metadata storage solutions in support of University and Ocean Institute research.
- Assist IT staff in managing library's cloud servers, databases, storage buckets, and Platform as a Service application code; provide primary system support for library applications, to include Integrated Library System, Library Web site, Unified Discovery Service, Identity services (Google SAML, Oauth and OpenAthens), URL Resolver, and digital repository.
- Write automation scripts for statistical reporting, data migrations and batch modifications; write API and web scripts to link services and/or enhance interfaces to library systems.
- Assist with reference and circulation duties, and take responsibility for one or more areas of collection development (e.g., Maritime Law, Shipping & Logistics, Port Management).
- Provide classroom instruction in library technologies.
- Collaborate with library and distance learning staffs to produce library training videos.
- Serve as primary point of contact with library vendors for technological issues; advise university IT on library technology matters; assist in general university IT as needed.
- Represent university library in library technology forums; participate in FOLIO and other library development communities.

5. Minimum requirements – education, experience and language skills

Education

Essential

Master's degree in library, information, or computer science, or a bachelor's degree and four years' applicable experience.

Experience

Strong background in information science, data storage and retrieval, and web development in a library or research environment.

Essential

- Strong programming skills in at least two of the following server-side languages: Python, PHP, Ruby, Perl, Java and/or Node.js.
- Client-side programming experience using Javascript libraries and frameworks.
- Knowledge of one or more Open Source indexing systems (e.g., Solr, Sphinx, Zebra).
- Proficiency in SQL and NoSQL data storage, retrieval and editing.
- Proficiency in JSON and XML markup formats.
- Proficiency in LAMP and MEAN stack deployment and administration.
- Working knowledge of Dublin Core metadata, MARC and MARC.XML bibliographic and authority standards.
- Experience with SAML, Oauth or other major authentication and authorization protocols.

- Experience working in an academic library or research organization.

Desirable

- Development experience using Platform as a Service and cloud-based microservices.
- Working knowledge of YAZ, Z39.50, SRU, and OAI-PMH protocols.
- Google Apps Script writing experience.
- Experience managing an Integrated Library System.
- Interest in Big Data, Internet of Things and Blockchain technologies.

Languages

Essential

- Excellent command of English both spoken and written.

Desirable

- Knowledge of another UN language would be an advantage.

6. Knowledge and skills

Knowledge and skills

Essential

- Excellent developer skills.
- Excellent knowledge of library related software and services
- Ability to work independently and as part of a professional library team.
- Effective organizational skills to manage time and priorities in development and administrative duties as appropriate.
- Ability to act as point of contact for patrons and vendors to troubleshoot library technical issues.
- Ability to work in a multicultural environment and to demonstrate gender-sensitive and non-discriminatory behaviour and attitudes.
- Ability to deal with administrative matters as appropriate to status and with reference to other colleagues within WMU.

This vacancy is open to male and female candidates. WMU seeks to increase the number of women at all levels and, therefore, qualified women are particularly encouraged to apply. WMU will make every effort to facilitate the employment of persons with disabilities.

Application

The position offers an attractive salary (P1 Grade of the ICSC salary scale), free of income tax in Sweden, a benefits package and relocation expenses. Applicants must fill in the Personal History Form, which can be found at <http://wmu.se/vacancies>. Should send a letter of interest, a complete CV, and the contact information of three referees to Marco Batista, Head of Human Resources (mb@wmu.se).

Deadline for Applications: 21 December 2018.