

# Faculty of Law

## Short Learning Programme in Law and Industry 4IR

Centre for Continuing Education Programmes



UNIVERSITY  
OF  
JOHANNESBURG

FACULTY OF LAW



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**The Future  
Reimagined**

## The Programme

The Faculty of Law Continuing Education Programmes (CEP) at the University of Johannesburg is offering a Short Learning Programme in Law and 4IR.

This programme introduces students to the intersection between law and the Fourth Industrial Revolution. It aims to equip professionals or would be professionals with a background from the legal, forensic or technical background with the necessary technical and legal knowledge in creating and implementing answerable programmes and policy frameworks relating to the ever-expanding area of law and 4IR.

A clear comprehension of the need to embrace the benefits of Information and Communication Technologies (ICTs) and to standardise the challenges that these ICTs engender is essential. Sometimes, this requires experts from diverse industries or fields to do collaborating or multi-disciplinary scholarly work aimed at uncovering the impact that ICTs have or is likely to have to their respective industries.

Consequently, the programme exposes, in an elementary and expertly manner, the shortcomings of the law in dealing with the developments emerging consequent to 4IR. It furthermore sets out legally workable ways of addressing these limitations in a digital era.

## Programme Content

The programme is designed to enhance the student's understanding of the topics indicated below and to provide them with apposite idea of the principles, standards and guidance on how to deal, in real time, with the advantages and address the disadvantages of law and 4IR. Accordingly, the programme covers the following topics:

### 1. The Fourth Industrial Revolution (4IR) and the Law:

- (a) A basic understanding of 4IR with specific reference to the revolutions that precedes it will be presented.
- (b) Thereafter, the general trajectory of the law and 4IR will be investigated in a more elaborate manner.

### 2. Data and Information Privacy Law:

- (a) This provides an overview of the data and information privacy law and principles. It also details the essence, importance and impact of these principles to society.
- (b) An overview of the effect of 4IR on the collection and processing of data will be discussed. The principles regulating the collection and processing of data will guide this discussion.

### 3. Electronic or E-Commerce:

- (a) A general study of electronic or e-commerce will be provided. The focus will be on the formation of commercial agreements and requisite formalities relating to the establishment of these contracts.
- (b) An overview of the benefits and drawbacks of e-commerce 4.0 to society will be set out.

### 4. Labour Law 4.0:

- (a) An overview of the position of the related principles of labour law will be examined. This will look at the nature and significance of these rules to society. The focus is on aspects, for example, individual labour law, collective labour, labour dispute resolution and social security.
- (b) The trajectory of these labour law aspects and 4IR will be discussed.

### 5. Cyber-Crimes and Cyber-Security:

- (a) An overall synopsis of cyber-crimes and cyber-security will be analysed. Scenarios informed by facts and law will be examined to expose the extent of the limit of the legal principles regulating cyber-crimes.
- (b) Discussion of existing legal framework to deal with the use of AI to commit cyber-crimes.

## 6. Ethics, Law and 4IR:

- (a) The framework and role of ethics, law and 4IR will be investigated. The importance of ethics in dealing with acts or conducts independent of humans and without human control or intervention will be discussed.
- (b) Exposition of the ethical means (Ethics 4.0) to deal with the aggregation of AI.

## Programme Leader

Mr Nathan-Ross Adams is a data and technology attorney at the pan-African 4IR law firm, Michalsons. He specialises in data protection, access to information, information security, and cybercrime law, especially regarding emerging technologies like AI, robotics, and space technologies.

Daily, he helps African businesses and governments design, develop and deploy trustworthy AI and IT. He combines legal, commercial, and technical insights to move toward sustainable solutions. He believes the best way to formulate these solutions is through collaboration, clear communication, and simple legal documents in immersive legal design.

His clients represent a range of data, technology, and advertising companies as well as governments, software, hardware, robotics, biotech, pharmaceuticals, telecoms, and energy clients.

Nathan-Ross's writing features prominently in the African frontier technologies law scene:

- Currently, he's reading for a Doctor of Laws degree at the UJ. His thesis topic is "Why and how to regulate artificial intelligence in South Africa to promote sustainable development". For his LL.M., the dissertation topic was "South African company law in the fourth industrial revolution: Is there a need for the regulation of artificial intelligence?"
- He's also written on data law for international books, like "90 Legal Responses to COVID-19 Around the World".

Beyond his writing, he's also been a panellist with South Africa's Information Regulator and has spoken and presented at multiple African and Global conferences on AI and the law. He was also recently awarded best legal designer in Africa for his work on making the law accessible through plain language and legal design.

## Who Should Attend

The programme covers or is intended to cover a wide array of fields or industries extending beyond, inter alia, the legal, forensic and technical professions.

The Law and 4IR is a 6 month online programme with arranged practical sessions (dates to be confirmed) for which attendance is compulsory.

## When

Applications are open from 31 August 2023 and close on 5 August 2024.

## Admission Requirements

National Senior Certificate or NQF level 4 equivalent qualification.

## Assessment and Outcome

Participation at the arranged practical sessions, written assignment(s) and (portfolio) examination.

An examination will be written after 6 months.

**Outcome:** Successful students will receive a certificate in Law and 4IR from the University of Johannesburg.

## Foreign Students

Foreign Students must have their School Leaving Certificate and Tertiary Qualification Certificates evaluated by the South African Matriculation Board and SAQA respectively. This could take a couple of months so please do this timeously.

## Course Fees for 2023

Course fee Short Learning Programme in Law and 4IR R17 500

First Minimum payment – all students R10 000

**TOTAL: R17 500**

Non-Refundable International Levy – SADC Students (Residing outside South Africa): R1000

**TOTAL: SADC Students – R18 500**

The 2024 Course fees will be confirmed at the end of 2023. Generally a 5 - 10% increase in the course fee is applicable for each academic year.

The balance of the course fees must be paid via debit order, unless the course fees are being paid in full (via EFT).

This breakdown of fees DOES NOT apply to students whose fees are paid by a bursary sponsor or employer.

In these instances where the full fees must be paid, tax invoices must be requested from the Financial Officer, Mr Isaac Moagi - [imoagi@uj.ac.za](mailto:imoagi@uj.ac.za)

Please note: The fee or any part thereof is not refunded or carried over to another year in respect of students who are, for any reason, not able to complete the year of study.

Students who fail to pay all fees will not be permitted to attend classes.

## Online Applications

The Course Code is: **S4LINO**. The Mode of Study is “E – Learning CEP”.

Go to the UJ WebSite [www.uj.ac.za](http://www.uj.ac.za) and follow these steps:

- Choose: Study@UJ
- Select category below to apply:
- Select – Continuing Education Programmes (CEP) / Short Learning Programmes (SLP) /
- Choose New Applicant / Submit OR Returning Internal Applicant / Submit
- Use token: **LAWSLP**

Should you encounter any difficulty with this process you can call the Student Enrolment Centre on 011 559 4555.

The following documents must be submitted with the Application:

- Certified copy of ID Document
- Certified copy of Matric Certificate
- Certified Copy of Tertiary qualification(s)
- Certified copy of Academic Transcript of your qualifications
- Certified copy of Marriage/ decree of Divorce certificate (if applicable)

## Enquiries

Ms Tebogo Mabunda: [tmabunda@uj.ac.za](mailto:tmabunda@uj.ac.za) or call 011 559 3631 (Course Coordinator)