

# Ecole nationale supérieure Louis-Lumière

## Sensitometry and colorimetry teacher

### Description of the employer

Ecole nationale supérieure Louis-Lumière, established in 1926, is a prestigious public institution dedicated to training for careers in cinema, photography and sound. It offers initial professional training that is both technical and artistic. Under the supervision of the Ministry of Higher Education and Research, the School is a public institution recruiting students with two years of post-secondary education (Bac+2) through a competitive entrance exam.

It provides training within three Master's programs: Cinema, Photography and Sound. ENS Louis-Lumière is involved in applied research projects and offers internships in continuing professional education.

Founded under the impetus of pioneers such as Louis Lumière and Léon Gaumont, trailblazers of cinema and photography schools, the School moved to the Cité du Cinéma in 2012.

In 2013, it launched an « equal opportunity » preparatory class to support candidates preparing for its entrance exam.

### The school in numbers

- 150 students in initial training
- 60 administrative and teaching staff
- 100 professional contributors

### Job description

Under the hierarchical authority of the School Director and the Director of Studies, you will teach fundamental courses in sensitometry and colorimetry within the Photography and Cinema Master's programs.

### Main responsibilities

- Teaching workload of 384 hours annually
- Cross-disciplinary teaching in Photography and Cinema at L3 (*Licence 3*, last year of the Bachelor's degree), M1 (*Master 1*, 1<sup>st</sup> year of the Master's degree), and M2 levels (including Master's thesis supervision)
- Pedagogical collaboration with the technical department (production and post-production units) of the Cinema track, as well as the analog and digital laboratories of the Photography track
- Participation in the development and jury of the School's entrance exam
- Supervision of Master's theses
- Technological monitoring (Photography and Cinema)
- Management and facilitation of the sensitometry and colorimetry laboratory
- Together with the laboratory assistant, you will be responsible for making the lab accessible to students and implementing new setups, adapting to evolving professional practices and students' thesis projects.

The laboratory resources and part of the pedagogy rely on Python-coded scripts, and the instruments vary in age with a wide range of software; therefore, strong IT skills are required.

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**Course Content**

- Sensitometry applied to digital imaging
- Concepts of useful range and sensitivity, value rendering, noise, log encoding, exposure strategies
- Fundamental colorimetry
- Conceptual bases of colorimetry, illuminants, standard observer, color differences, introduction to color appearance models
- Colorimetry applied to imaging
- Color spaces and gamuts. Calibration of screens, printers, and projectors. ICC and ACES color management. Hybrid analog/digital workflows (digital intermediate/scanning, printing, inkjet proofing...). Color rendering of sources, viewing conditions...
- Python programming
- Preparation of programming routines, introduction to Python use, algorithmic logic, data reading, image processing initiation
- Analog black & white and color sensitometry (if the candidate has analog expertise)
- H&D characteristic curves, Jones diagram, study of processing variables, proofing

**Required skills**

Strong academic knowledge in sensitometry and colorimetry applied to digital imaging and preferably analog is required.

A comprehensive understanding of issues related to value and color rendering in photographic and cinematographic imaging contexts is expected. Due to the broad scope of the field, curiosity, rigor, and adaptability are essential.

Proficiency in English is necessary.

**Professional Experience**

Experienced profile required:

- Either in higher education (academic environment) in the relevant fields, with a strong interest in current professional practices;
- Or in the professional field in the relevant domains, with proven academic knowledge.

The relevant domains are sensitometry and colorimetry, and the professional environment refers to the cinematographic and photographic sectors in both production and post-production.

**Employment Details**

- Category A position
- Full-time (100%)
- Open to permanent civil servants and contract agents
- Fixed-term public law contract for 1 year, renewable

**Start date**

November 1<sup>st</sup>, 2025

**Workplace**

ENS Louis-Lumière,  
Cité du Cinéma,  
20 rue Ampère, 93200 SAINT-DENIS

A CV and cover letter should be sent to the attention of the Director of Studies at the following address: [direction@ens-louis-lumiere.fr](mailto:direction@ens-louis-lumiere.fr) no later than September 21<sup>st</sup>, 2025.