

Ecole nationale supérieure Louis-Lumière

Teacher in Digital Imaging and Colorimetry applied to Photography and Cinema

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 authority of the School Director and the Director of Studies, you will teach core courses in digital image processing and colorimetry (**sensitometry**) applied to photography and cinema within the Master's programs.

Main responsibilities

- 384 hours of annual teaching (tutorial equivalent)
- Cross-disciplinary teaching in Photography and Cinema (Bachelor 3, Master 1 and Master 2 levels, including thesis supervision)
- Management and operation of the Sensitometry and Colorimetry Laboratory
- In collaboration with the laboratory assistant, you will ensure student access and implement new tools in line with current professional practices and students' research projects
- Pedagogical collaboration with the Cinema Post-Production Department, the equipment store, and the analog and digital laboratories of the Photography Master's program
- Participation in the design and assessment of the School's entrance examination
- Supervision of Master's theses
- Technological watch in the fields of Photography and Cinema
- Preparation of programming routines

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La Cité du Cinéma - 20 rue Ampère BP 12
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Course Content

– Fundamentals of colorimetry

Historical and conceptual foundations, illuminants, standard observer, color space representations, color differences, and metrology applied to color appearance attributes.

– Applied colorimetry for digital imaging

Color spaces and gamuts, calibration of monitors, printers, and projectors, ICC and ACES color management.

Hybrid analog/digital workflows (DI/scan, printing, inkjet proofing, etc.), color rendering of light sources, viewing conditions, and introduction to color appearance models.

– Sensor sensitivity and dynamic range

Principles of sensor latitude, luminance and color value rendering, noise, and log encoding in exposure strategies.

– Image rendering evaluation

Assessment of tonal and detail rendition.

– Introduction to Python programming

Algorithmic logic, data analysis, and introduction to image processing.

Required skills

Strong academic background in colorimetry applied to digital imaging, and ideally in analog imaging as well.

Broad understanding of issues related to luminance and color rendering in photographic and cinematographic contexts.

Good command of computer tools; part of the laboratory's pedagogy relies on Python-coded scripts and a wide range of software and instruments.

High level of curiosity, rigor, and adaptability is expected.

Once integrated, the candidate must acquire full proficiency in sensitometric principles specific to photographic and cinematographic images to collaborate effectively with colleagues.

Fluency in English is required.

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

January 1st, 2026

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 no later than November 16th, 2025.