

First year of the Master degree of Bioinformatics

Bioinformatics, statistical modeling for Life sciences and Health (BIMS)

Proposal for a student internship – 4 to 5 ^{1/2} months

To be send from september to december preceeding the intership

- ✓ **Mandatory Internship:** 18 ECTS (evaluation by the supervisor + report writing, + defense)
- ✓ **Duration :** 4 months minimum
- ✓ **Period:** from mi-march to mi-july, defense at the end of June. Videoconferencing can be used for the Defense from abroad.
- ✓ **Internship with a mandatory agreement** (english or french form)

Editable version on request

Laboratory

Site – Location :

Affiliated institution :

Name of the laboratory and team :

Daily main supervisor: a bioinformatician is required, and should be the main expertise of the supervisor; if not please explained us the situation.

- Name and Position:

- Address (e-mail, telephone number):

- Expertise in (to tick):

bioinformatics biostatistics computer science mathematics biology

Supplementary supervisor(s) involved?

- Name and Position:

- Address (e-mail, telephone number):

- Expertise in (to tick):

bioinformatics biostatistics computer science mathematics biology

Internship description

Title :

Scientific context and summary of the internship project :

First year of the Master degree of Bioinformatics

Key Words :

Data types, methods and tools to be used during the internship: to tick and precise if already known
(Mandatory features are pre-ticked)

Data

- Omics data :
- Semantics data :
- Structural data :
- Other data :

Computer Science

- Languages for programming :
- Information system design and development (database) :
- Web technologies :
- Algorithms :
- Other :

Biostatistics and mathematics

- Statistics for data mining :
- Mathematical modeling and systems biology, network or interaction :
- Languages for biostatistics or mathematical programming :
- Other :

Bioinformatics

- Pipelines or new tool development :
- Benchmarking of tools :
- Specific resources (databases, tools, programs, algorithms) for the project :
- Other :

Others

- Computational Resources (personal, server, data center, cloud, etc) :
- Quality management :
- ..

« Wet » experimental approaches: none

First year of the Master degree of Bioinformatics

Others

*Only for a **no French** laboratory*

Conditions of gratification (laboratory budget/ERASMUS / other grant):

*Only for a **French** laboratory*

Ce stage est-il susceptible de faire l'objet d'un accord de confidentialité ?

- oui (nous vous fournirons notre modèle d'accord)
- non

Ce stage est-il susceptible d'être prolongé en M2 par un contrat de travail en alternance de 2 ans ?

[Qu'est-ce que l'alternance ?](#)

[Démarches \(voir p5\)](#)

[Proposer une alternance en M2 \(2 ans\)](#)

- oui (pensez à nous informer et contacter dès maintenant)
- non (pourriez-vous en donner la(les) raison(s) ?) :

To be send beetwen september and december preceeding the intership to:

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