

Universidad Autónoma de Madrid
M.Sc. in Theoretical Physics
– Astrophysics itinerary –

Yago Ascasibar
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Welcome session
UAM, 10/09/2026



MSc Theoretical Physics

Universidad Autónoma de Madrid

<https://projects.ift.uam-csic.es/master/>

Contact

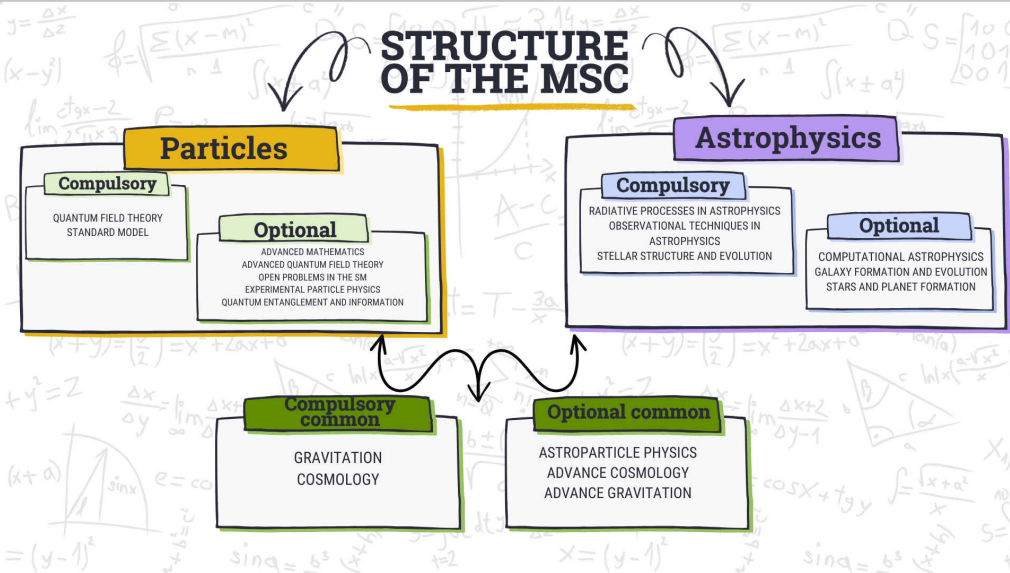
- Global coordinator: ernesto.arganda@uam.es
- Astrophysics (AFC): yago.ascasibar@uam.es
- { Particle physics (PEC): anar.cueto@uam.es }
- Administration: carolina.saggiomo@inv.uam.es

1 Courses

2 M.Sc. thesis (TFM)

3 Additional information

STRUCTURE OF THE MSC



Academic calendar

1st trimester

- 07 Sep – 09 Nov
- 16 – 27 Nov

2nd trimester

- 30 Nov – 10 Feb
- 01 – 12 Mar

3rd trimester

- 15 Mar – 21 May
- 24 – 29 May

Extraordinary call

- 31 May – 25 June

Thesis supervisors

- <https://astro.ft.uam.es/people.html>
- <https://www.uam.es/FisicaTeorica/Home.htm>
- <https://www.ift.uam-csic.es/>
- ICMC
- CAB
- ESAC
- OAN
- CIEMAT
- CAHA

Research topic

- Formation of Stars, Stellar Evolution and Exoplanets (CAB, ESAC, UAM)
- Formation and Evolution of Galaxies (CAB, CIEMAT, UAM)
- Galactic Starbursts and its influence on Galaxy Evolution (CIEMAT, UAM)
- Large-scale Structure of the Universe (CIEMAT, UAM)
- Astroparticle Physics and Dark Matter (UAM)
- Space Astronomy, Telescopes and related Science (CAB, ESAC)
- Molecular Astrophysics (CAB, OAN)
- Radioastronomy (CAB, OAN)
- Infrared, X-ray, and Gamma-ray Astronomy (ESAC, OAN, UAM)

M.Sc. project

- Offers on the web page
- Presentation day
- **Bring your own!**
- Deadline: end January

Submission

- Two calls (July/September)

Paperwork

- External supervisors
- Thesis format:
 - LaTeX template
 - 25-page limit
- Annexes

Artificial Intelligence

- All students must submit a Responsible Declaration Form together with their Master's Thesis (TFM) before the defence.
- Any use of Generative AI tools must be transparent, critical and responsible, following the rules established by the teaching staff.
- AI-generated information should always be critically reviewed and verified, as it may contain errors or unreliable references.
- Generative AI should support, not replace, your own analysis, creativity and academic work.
- When AI tools are used in academic work, students should acknowledge their use and cite the sources of the information employed

Academic activities

Seminars and colloquia

- <https://www.uam.es/ciencias/fisica-teorica/ciclos-cientificos>
- <http://www.ciaff.uam.es/events>
- <https://www.ift.uam-csic.es/en/events/seminar>
- <https://www.ift.uam-csic.es/en/events/colloquium>

Other activities

- “Pint of Cosmology”
- Journal clubs
- Virtual Observatory School

Communication

Academic

- alumnos-masterastrofisica-ft-l@uam.es
- WhatsApp et al. groups
- Your teachers and supervisors
- Questionnaires

MSc coordination

- carolina.saggiomo@inv.uam.es
- yago.ascasibar@uam.es
- ernesto.arganda@uam.es

Wellbeing

- <https://www.uam.es/uam/unidad-igualdad-genero>
- <https://members.ift.uam-csic.es/ed/>
- [Centro de Psicología Aplicada](#)



Welcome!