

Draft selection process outline for the astronomy masters program at Universidad de Concepción.

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The masters program application process consists of 3 main steps.

1. Step one – Application process: At the time of application, students must submit the following documents:

- Undergraduate transcripts.
- CV in pdf format (specifying experience in dissemination, teaching, research, and scientific publications).
- Motivation letter addressed to the program director in English in pdf format, 1 page.
- Article(s) as first author or co-author (if applicable).
- The student may indicate two professors with whom they wish to work, based on the available projects offered on the Master's program website.
- Students from other universities must submit a letter of recommendation.
- Professional certificate of astronomy or a bachelor's degree in astronomy or related programs such as physics, geophysics, and engineering, among others, whose level and content of studies are equivalent to those required for a bachelor's degree in astronomy. An exam will be used as an assessment tool to measure the astronomy, mathematics, and physics competencies of applicants from related fields other than astronomy (for example, engineering science graduates). [En español: Certificado de Título profesional de Astrónomo o grado de licenciado en Astronomía o carreras afines como Física, Geofísica e Ingeniería, entre otras, cuyo nivel y contenido de estudios sean equivalentes a los necesarios para obtener el grado de licenciado en astronomía. Un examen se usará como instrumento de evaluación para medir competencias en astronomía, matemáticas y física de aquellos postulantes de áreas afines diferentes a la astronomía (por ejemplo, licenciados en ciencias de la ingeniería).]

2. Step two – Evaluation stage: The Master's Committee will rank the applicants based on the approximate weighting following:

- Academic background: 60%
- Extracurricular experience (dissemination, research, etc.): 25%
- Motivation letter (and short interview, if applicable): 5% (and 10%, respectively, if applicable)

3. Step three – Final Acceptance Stage: To be accepted into the Master's Program in Astronomy, the candidate must, after completing the Evaluation Stage:

- Submit a letter of commitment from a proposed professor mentor.

At this stage, the mentor professor may request an interview with the applicant and/or a short essay to demonstrate their skills and knowledge of English prior to the candidate's acceptance.