

Statement of participation

Guest user

has completed the free course including any mandatory tests for:

The evolving Universe

This 12-hour free course explained events after the Big Bang and during the initial cooling period, and how this event turned into today's Universe.

Issue date: 14 March 2022



www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification.
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:

<https://www.open.edu/openlearn/science-maths-technology/the-evolving-universe/content-section-0>

COURSE CODE: **S197_1**

The evolving Universe

<https://www.open.edu/openlearn/science-maths-technology/the-evolving-universe/content-section-0>

Course summary

--- Please note: This course is due to be archived on Wednesday 30th November. You can study the course up until this date. For learners who have completed the course, the Statement of Participation will remain in your learner records in your OpenLearn profile. --- The Big Bang is said to be the origin of our Universe. This free course, The evolving Universe, will help you to comprehend what happened in the moments immediately after the Big Bang and during the initial cooling period. You will also gain an understanding of how this event turned in to the Universe we live in today.

Learning outcomes

By completing this course, the learner should be able to:

- discuss the sequence of the events that are believed to have taken place in the history of the Universe, particularly the particle reactions that occurred in the first few minutes after the Big Bang, and the role of unified theories in explaining those events
- manipulate large and small numbers in scientific notation, and calculate values for quantities when given appropriate numerical information.

Completed study

The learner has completed the following:

Section 1

The evolving Universe