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This indispensable reference source and guide to the major themes, debates, problems and topics in philosophy of science contains fifty-five specially commissioned entries by a leading team of international contributors. Organized into four parts it covers:

historical and philosophical context
debates
concepts
the individual sciences.

The Companion covers everything students of philosophy of science need to know - from empiricism, explanation and experiment to causation, observation, prediction and more - and contains many helpful features including: a section on the individual sciences, including chapters on the philosophy of biology, chemistry, physics and psychology, further reading and cross-referencing at the end of each chapter.

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