



Certificate of Achievement

Noel Leon Kronenberg

has completed the following course:

BIOCHEMISTRY: THE MOLECULES OF LIFE
UEA (UNIVERSITY OF EAST ANGLIA) AND BIOCHEMICAL SOCIETY

This online course outlined the history of biochemistry and its contemporary significance in the life sciences. The course covered the wide range of career opportunities available and the role of biochemistry in future scientific advances, such as bioenergy, pharmaceuticals and synthetic biology.


3 weeks, 3 hours per week



Dr Richard Bowater
Reader in Biological Sciences
UEA (University of East Anglia)



Dr Fraser McMillan
Reader in Chemistry
UEA (University of East Anglia)



The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.



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STUDY REQUIREMENT

3 weeks, 3 hours per week

LEARNING OUTCOMES

- Discuss how biochemistry brings together the natural sciences to describe the chemical basis of living systems.
- Describe events and scientists that have been significant during the historical development of biochemistry.
- Identify crossover points that exist between biology and chemistry curricula.
- Evaluate where biochemistry will play a key role in scientific advances in the future.
- Explore the wide range of jobs and career opportunities that become possible with a training in biochemistry.
- Summarise seminal experiments that led to significant advances in biochemical knowledge.

SYLLABUS

- Skills from biochemistry
- A brief history of biochemistry
- Everyday biochemistry
- Metabolism and bioenergetics
- Bioenergetics
- Future developments in bioenergy
- Natural products and healthy living
- Future developments: new technologies in the molecular sciences

- Getting involved in biochemistry