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## *Unit 8.2 Study Guide—Photosynthesis*

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8.2.1 Draw the structure of a chloroplast as seen in electron micrographs.

8.2.2 What does photosynthesis consists of?

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8.2.3 Explain the light-dependent reaction.

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8.2.4 Explain photophosphorylation in terms of chemiosmosis.

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8.2.5 Explain the light-independent reactions.

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8.2.6 Explain the relationship between the structure of the chloroplast and its function.

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8.2.7 Draw the action spectrum of photosynthesis.

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8.2.8 Explain the relationship between the action spectrum and the absorption spectrum of photosynthetic pigments in green plants.

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