

المحتوى العلمي للمقرر:

- *Phenols*

- *Structure*
- *Physical properties*
- *Synthesis and reactions.*

- α, β -*Unsaturated Compounds*

- *Structure*
- *Physical properties*
- *Synthesis and reactions.*
- *Carbanions I (Aldol and Claisen Condensations)*
- *Carbanions II (Malonic Ester and Acetoacetic ester synthesis)*
- *Carbenes*
- *Structure*
- *Physical properties*
- *Synthesis and reactions.*

الكتب الأساسية:

Organic Chemistry, Morrison and Boyd, 6th ed., 1992, Allyn and Bacon.

المرجع المساند:

Organic Chemistry, Paula Y. Bruice, 6th ed., 2011.