

**The University of Jordan**  
**Chemistry Department**  
**Organic Chemistry for Non-Chemistry Students (0303233)**  
**Second Semester 2025 / 2026**

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**Textbook: Organic Chemistry, A Short Course, 13<sup>th</sup> Ed Hart, Hadad, Craine & Hart**

**Course Content**

Chapter	Excluded Sections	Lectures
<b>1: Bonding and Isomerism</b> Sections: 1-18	1.17	3
<b>2: Alkanes and Cycloalkanes; Conformational and Geometric Isomerism</b> Sections : 1-13	--	6
<b>3: Alkenes and Alkynes</b> Sections: 1-21	3.11, 3.12, 3.16, 3.17c	4
<b>4: Aromatic Compounds</b> Sections: 1-12, 13(briefly)	4.13	3
<b>5: Stereoisomerism</b> Sections: 1-12	--	5
<b>6: Organic Halogen Compounds</b> Sections: 1-8	6.9	3
<b>7: Alcohols, Phenols &amp; Thiols</b> Sections: 1-17	-	4
<b>8: Ethers and Epoxides:</b> Sections: 1-8	8.9	2
<b>9: Aldehydes and Ketones</b> Sections: 1, 3, 5-14	9.2, 9.4	3
<b>10: Carboxylic Acids and Their Derivatives</b> Sections: 1-21	-	3
<b>11: Amines and Related Nitrogen Compounds</b> Sections: 1-13	11.9	2

**Topics of the Quiz (20 marks) include chapters 1-4.**

**Topics of the Mid-exam (30 marks) include chapters 5-8.**

**Topics of the Final exam (50 marks) include chapters 1-11.**