· small biomolecules

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and carbohydrate.	
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101-27 design principles of	nature - chemistry at
atomic level	
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3-47 structure of atom &	chemicae ed cinivolo
57 quantum mechanical stru	
6) periodic table and its or	agnization - the electronic
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atoms in their free and	bonded State
7) bonding & molecular prope	
8) bonding & molecular structur	re - theories of bonding
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11-13) configuration and conf	ormation I
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30.7.2020 4 MARCH Monday WK 10 • 062-303 Study of amino acids and proteins investigation of dipeptides and torsion angles levels of protein structure and forces stabilizing them primary structure and its relation with higher order Structure secondary structure and ramachandran plot dry lab on structure visualising tool. 23-257 Study of nucleic acids DNA-components, chemical structures base pairing and hydrogen bonding types of DNAs A, B, Z and their structure parameters nucleic acid databases comparing DNA and RNA nucleic acid protein chteractions dry lab on structure analysis tool. TEXT BOOKS Stryer 6' bio-chemistry 2. biochemistry voet, voet, and pratt. S. ralph H petrucci - general chemistry: principles & modern applications, 8th ed.

4. PW atkins; elements of physical chemistry, 5th ed.;

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