* Chapter 5 : **Malnutrition & its Ecology**
* MALNUTRITION A pathological state resulting from a relative or absolute deficiency or excess of one or more essential nutrients;
* ACUTE UNDERNUTRITION Marasmus kwashiorkor Marasmic- kwashiorkor Wasting الهزال
* CHRONIC UNDERNUTRITION Stunting التقزم Underweight
* 1.9 billion adults are overweight or obese, while 462 million are underweight. - 155 million are stunted - Around 45% of deaths among children under 5 years of age are linked to undernutrition.
* CONSTANT FEATURES OF KWASH – OEDEMA -PSYCHOMOTOR CHANGES - GROWTH RETARDATION - MUSCLE WASTING
* PEM Protein Energy Malnutrition