**NUTRITIONAL BIOCHEMISTRY1**

### EC/H.Eco-FN-306

**Checklist of Course Content**

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| **Course Content** | **Sources of Course Material** |
| 1· Introduction to Energy units. | * <https://slideplayer.com/slide/6217789/> * https://slideplayer.com/slide/2488626/ * <http://www.fao.org/3/u2246e/u2246e02.htm> * <http://www.fao.org/3/Y5022E/y5022e04.htm> * <https://courses.lumenlearning.com/cheminter/chapter/energy-in-food-and-nutrition/>   Book: Nutritional biochemistry |
| 2· Caloriemetry | * <https://slideplayer.com/slide/3920879/> * https://byjus.com/physics/calorimeter/ * <https://courses.lumenlearning.com/cheminter/chapter/calorimetry/> * <https://www.youtube.com/watch?v=JuWtBR-rDQk> * <https://www.slideshare.net/CandelaContent/calorimetry-48238312> * <http://uregina.ca/~barbi/papers/tsi07-barbi-1.pdf>   Book: Nutritional biochemistry |
| 3· Measurement for energy production & expenditure. | * https://www.slideshare.net/weightlosstoningexer/energy-expenditure-61245135 https://www.frontiersin.org/articles/10.3389/fnut.2014.00005/ * <https://www.researchgate.net/publication/256088252_Measurement_of_Energy_Expenditure_in_Man_A_Review_of_Available_Methods> * <https://www.sparknotes.com/health/assessment/anthropometric/section3/>   Book: Nutritional biochemistry |
| 4· Energy requirements, balance and regulation | * <https://www.unm.edu/~lkravitz/Article%20folder/energybalance.html> * <https://www.slideshare.net/mprasadnaidu/energy-balance-l12>   https://www.slideshare.net/NadineTaylor5/energy-balance-61757051 |
| 5· Biochemical aspects of Macro- nutrients. | * <https://mynutrition.wsu.edu/nutrition-basics> * <https://www.tutorhunt.com/resource/16770/> * https://www.slideshare.net/MickeyChong/macronutrients-69898084 .   Book: Nutritional biochemistry |