**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 |