

## Coursework for the BCNS requirements

### 1. Nutrition-Specific Courses (Graduate level) – 9 semester credit hours (12 semester credit hours for those candidates sitting for the June 2022 or later exam)

Course Number	Name of Course	Semester Hours
NUSC 5500	Food Colloids and Nanotechnology	3
NUSC 5400	Molecular Techniques and Instrument Analysis in Nutrition	2
NUSC 6311	Regulation of Food Intake and Energy Balance	3
NUSC 6313	Nutrition and Gene Expression	3
NUSC 6315	Lipid Metabolism in Health and Disease	3
NUSC 6317	Nutritional Epidemiology	3
NUSC 6319	Research Design and Methods in Nutritional Sciences	3

### 2. Biochemistry Courses (Graduate/Undergraduate Level) – 6 semester credit hours

Course Number	Name of Course	Semester Hours
MCB 2000	Intro to Biochemistry	4
MCB 3010	Biochemistry	5
NUSC 5200	Macronutrients	3
NUSC 5300	Vitamins and Minerals	3

### 3. Physiology or Anatomy/Physiology Courses (Graduate/Undergraduate Level) – 3 semester credit hours

Course Number	Name of Course	Semester Hours
PNB 2264	Human Anatomy & Physiology I	4
PNB 2265	Human Anatomy & Physiology II	4

### 4. Clinical or Life Sciences Courses (Graduate/Undergraduate Level) – 12 semester credit hours

Course Number	Name of Course	Semester Hours
BIOL 1107	Principles of Biology I	4
BIOL 1108	Principles of Biology	4
CHEM 2241	Organic Chemistry	3
CHEM 2443	Organic Chemistry	3
CHEM 2444	Organic Chemistry	3
MCB 2210	Cell Biology	3
MCB 2400	Human Genetics	3
MCB 2410	Genetics	3
MCB 2610	Fundamentals of Microbiology	4
NUSC 1165	Fundamentals of Nutrition	3
NUSC 2200	Nutrition and Human Development	3
NUSC 3150	Medical Nutritional Therapy I	3

NUSC 3250	Medical Nutritional Therapy II	3
NUSC 4236	Metabolism and Functions of Nutrients	4
NUSC 4250	Nutrition for Exercise and Sport	3
NUSC 4260	Dietary Supplements and Functional Foods	3

**5. Behavioral Science (for those candidates sitting for the June 2022 or later exam, they will need 2 semester credit hours of a behavioral science course)**

Course Number	Name of Course	Semester Hours
AH 4242	Counsel/Teach for Health Professional	3
PSYC 1100	General Psychology I	3

**Supervised Practice Experience**

*To sit for the certification exam, CNS candidates must complete 1,000 hours of supervised practice experience with minimum hours in each of the following categories:*

- Category A: Nutrition assessment (minimum 200 hours)
- Category B: Nutrition intervention, education, counseling or management (minimum 200 hours)
- Category C: Nutrition monitoring or evaluation (minimum 200 hours)
- Remaining hours may be obtained in any of the above categories