### Curriculum Sequence – MS-HNFM

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Qtr.** | **Course #** | **Course Name** | **Lecture** | **Lab** | **Clinical** | **Clock** | **Credit** | **Grade** |
| **1** | MSN6100 | Principles of Functional Medicine | 5 | 0 | 0 | 55 | 5 | G |
| **1** | MSN6200 | Nutritional Biochemistry | 2 | 0 | 0 | 22 | 2 | G |
|  |  | **Q1 Totals** | **7** | **0** | **0** | **77** | **7** |  |
| **Qtr.** | **Course #** | **Course Name** | **Lecture** | **Lab** | **Clinical** | **Clock** | **Credit** | **Grade** |
| **2** | MSN6101 | Evidence-Based Nutrition | 3 | 0 | 0 | 33 | 3 | G |
| **2** | MSN6305 | Whole Food Nutrition and Supplementation | 4 | 0 | 0 | 44 | 4 | G |
|  |  | **Q2 Totals** | **7** | **0** | **0** | **77** | **7** |  |
| **Qtr.** | **Course #** | **Course Name** | **Lecture** | **Lab** | **Clinical** | **Clock** | **Credit** | **Grade** |
| **3** | MSN6204 | Gastrointestinal Imbalances | 4 | 0 | 0 | 44 | 4 | G |
| **3** | MSN6202 | Sports Nutrition and Exercise Metabolism | 3 | 0 | 0 | 33 | 3 | G |
|  |  | **Q3 Totals** | **7** | **0** | **0** | **77** | **7** |  |
| **Qtr.** | **Course #** | **Course Name** | **Lecture** | **Lab** | **Clinical** | **Clock** | **Credit** | **Grade** |
| **4** | MSN6300 | Detoxification and Biotransformation Pathways and Imbalances | 3 | 0 | 0 | 33 | 3 | G |
| **4** | MSN7207 | Nutritional Epidemiology and Clinical Research | 4 | 0 | 0 | 44 | 4 | G |
|  |  | **Q4 Totals** | **7** | **0** | **0** | **77** | **7** |  |
| **Qtr.** | **Course #** | **Course Name** | **Lecture** | **Lab** | **Clinical** | **Clock** | **Credit** | **Grade** |
| **5** | MSN7102 | Oxidative/Reductive Dynamics and Energy Production | 3 | 0 | 0 | 33 | 3 | G |
| **5** | MSN7200 | Immune Imbalances and Inflammation | 4 | 0 | 0 | 44 | 4 | G |
|  |  | **Q5 Totals** | **7** | **0** | **0** | **77** | **7** |  |
| **Qtr.** | **Course #** | **Course Name** | **Lecture** | **Lab** | **Clinical** | **Clock** | **Credit** | **Grade** |
| **6** | MSN6302 | Hormone and Neurotransmitter Regulation and Imbalances | 3 | 0 | 0 | 33 | 3 | G |
| **6** | MSN7106 | Autoimmune Disease: Causes and Strategies | 3 | 0 | 0 | 33 | 3 | G |
| **6** | MSN7215 | Cardiovascular Disease and Metabolic Imbalances | 2 | 0 | 0 | 22 | 2 | G |
|  |  | **Q6 Totals** | **8** | **0** | **0** | **88** | **8** |  |
| **Qtr.** | **Course #** | **Course Name** | **Lecture** | **Lab** | **Clinical** | **Clock** | **Credit** | **Grade** |
| **7** | MSN7115 | Meal Planning in Health and Illness  (required for students admitted in Fall 2017 or later) | 2 | 0 | 0 | 22 | 2 | G |
| **7** | MSN7305 | Capstone Course | 3 | 0 | 0 | 33 | 3 | G |
|  |  | **Q7 Totals** | **5** | **0** | **0** | **55** | **5** |  |
|  |  | Electives | **4** | **0** | **0** | **44** | **4** |  |
|  |  | **Curriculum Totals** | **52** | **0** | **0** | **572** | **52** |  |
| \*Electives - Four credits of electives are required, which may be taken after completion of the 4 foundational courses (MSN6100, 6101, 6200, 6305) | | | | | | | | |
|  | | **Electives** | | | | | | |
|  | **Course #** | **Course Name** | **Lecture** | **Lab** | **Clinical** | **Clock** | **Credit** | **Grade** |
|  | MSN7101 | Structural Integrity | 2 | 0 | 0 | 22 | 2 | G |
|  | MSN7115 | Meal Planning in Health and Illness  (available as an elective for students admitted before October 2017.  Required for those admitted Fall 2017 or later). | 2 | 0 | 0 | 22 | 2 | G |
|  | MSN7201 | Fundamentals of Mind-Body Medicine and The Psychology of Well-Being | 2 | 0 | 0 | 22 | 2 | G |
|  | MSN8100 | Botanical Medicine | 2 | 0 | 0 | 22 | 2 | G |
|  | MSN8101 | Nutrition in Special Populations | 2 | 0 | 0 | 22 | 2 | G |
|  | MSN8115 | Advanced Practices Modules (modules from IFM and AFMCP) | 2-4 | 0 | 0 | 22-44 | 2-4 | TR |
|  | MSN8125 | Pharmacology and Drug-Nutrient Interactions | 2 | 0 | 0 | 22 | 2 | G |
|  | MSN8126 | Supervised Nutrition Mentorship I (Program Director Permission Required) | 0 | 0 | 6 | 66-335 | 2 | P/F |
|  | MSN8127 | Supervised Nutrition Mentorship II (Program Director Permission Required) | 0 | 0 | 6 | 66-335 | 2 | P/F |
|  | MSN8132 | Nutrigenetics and Nutrigenomics | 2 | 0 | 0 | 22 | 2 | P/F |
|  | MSN8135 | Psychology of Eating & Wellness | 2 | 0 | 0 | 22 | 2 | G |
|  | MSN8145 | Plant-Based Nutrition | 2 | 0 | 0 | 22 | 2 | G |
|  | MSN8165 | Nutrition Practice Strategies | 2 | 0 | 0 | 22 | 0 | G |
|  | MSN8167 | Topics in Nutritional Supplementation | 2 | 0 | 0 | 22 | 0 | G |