

**Plan of Study for the B.S.N. in Nursing to M.S. with Major in Biomedical Engineering**  
 (Minimum of 120 credits required)

| Fall 1   |         | Spring 1  |         | Summer 1                                      |         |
|--|---------|---|---------|---|---------|
| Course   | Credits | Course  | Credits | Course  | Credits |
| BSC 2085 Anatomy and Physiology 1                    | 3       | BSC2086 Anatomy and Physiology 2  | 3       | IFP course chosen with advisor                | 3       |
| BSC 2085L Anatomy and Physiology 1 Lab               | 1       | BSC2086L Anatomy and Physiology 2 Lab   | 1       | MCB2004 Microbiology for Health Services      | 3       |
| ENC1101 College Writing 1                            | 3       | ENC1102 College Writing 2   | 3       | MCB2004L Microbiology for Health Services Lab | 1       |
| MAC2233 Methods of Calculus                          | 3       | NUR4824 Professional Development in Nursing 1: Ethical and Legal Perspectives of Caring | 1       | SYG1000 Sociological Perspectives             | 3       |
| NUR3115 Foundations of Caring in Nursing Situations  | 3       | PSY1012 General Psychology  | 3       |   |         |
| SLS1503 Learning Strategies and Human Development    | 2       | STA2023 Introductory Statistics   | 3       |   |         |
| <b>Total</b>   | 15      | <b>Total</b>  | 14      | <b>Total</b>                                  | 10      |
| Fall 2   |         | Spring 2  |         | Summer 2                                      |         |
| CHM2032 General Chemistry for Health Science         | 3       | IFP course chosen with advisor  | 3       | IFP course chosen with advisor                | 3       |
| CHM2032L General Chemistry for Health Sciences Lab   | 1       | NUR3119C Foundations of Nursing Practice  | 2       |   |         |
| DEP3053 Psychology of Human Development              | 3       | NUR3145 Pharmacotherapeutics  | 3       |   |         |
| NUR3065 Health Assessment in Nursing Situations Lab  | 2       | NUR3183 Food, Nutrition and Health  | 3       |   |         |
| NUR3065L Health Assessment in Nursing Situations Lab | 1       | NUR4165 Nursing Research  | 3       |   |         |
| NUR4125 General Pathophysiology                      | 3       |   |         |   |         |
| <b>Total</b>   | 13      | <b>Total</b>  | 14      | <b>Total</b>                                  | 3       |

| Fall 3  |           | Spring 3   |           | Fall 4   |            |
|---|-----------|--|-----------|--|------------|
| NUR3262 Chronic Care in Nursing Situations for Adults and Aging Populations               | 3         | IFP course chosen with advisor                                 | 3         | NUR4525 Psychiatric and Mental Health: Nursing Situations Across the Lifespan              | 3          |
| NUR3262L Chronic Care in Nursing Situations for Adults and Aging Populations in Practice  | 2         | COP2034 Introduction to Programming Python                     | 3 or      | NUR4525L Psychiatric and Mental Health: Nursing Situations Across the Lifespan in Practice | 2          |
| NUR4638 Population Health: Nursing Situations   | 3         | COP2220 Introduction to Programming in C                       | 3         | NUR4716 Acute Care in Nursing Situations with Adults and Aging Populations                 | 4          |
| NUR4833 Professional Development in Nursing 2: Designer of Caring Environments            | 1         | NUR3465 The Developing Family: Nursing Situations              | 4         | NUR4716L Acute Care in Nursing Situation with Adults and Aging Populations in Practice     | 2          |
| NUR4860 Professional Development in Nursing 3: Leader/Coordinator of Caring Environments  | 1         | NUR3465L The Developing Family: Nursing Situations in Practice | 2         | NUR4937 RI: Scholarship for Evidenced-Based Nursing Practice                               | 3          |
| PCB3063 Genetics  | 3         |  |           |  |            |
| <b>Total</b>  | <b>13</b> | <b>Total</b>   | <b>12</b> |  | <b>14</b>  |
| Spring 4  |           | <i>Apply to M.S. with Major in Artificial Intelligence</i>     |           |  |            |
| NUR3171 Creating Healing Environments   | 3         |  |           |  |            |
| NUR4764 Complex Care in Nursing Situations with Adults and Aging Populations              | 3         |  |           |  |            |
| NUR4764L Complex Care in Nursing Situations with Adults and Aging Populations in Practice | 1         |  |           |  |            |
| NUR4829L Nursing Practice Immersion   | 4         |  |           |  |            |
| NUR4861 Professional Development in Nursing 4: Member of Caring Profession                | 1         |  |           |  |            |
| <b>Total</b>  | <b>12</b> | <b>Total</b>   |           | <b>Total degree</b>  | <b>120</b> |

*Note:* Pre-requisite and co-requisite course information is officially found in the FAU Catalog. See prerequisite courses to be completed during the bachelor's degree <https://www.fau.edu/academic/registrar/PREcatalog/nursing.php#combprog>