

**North Dakota Statewide Articulation Agreement  
Nursing Academic Discipline Group  
Fall 2023-Summer 2025**

**Purpose:** This agreement has been drafted by and is endorsed by the members of the North Dakota Nursing Academic Discipline Group. The following credits/courses are deemed transferable among the institutions listed. The listed institutions have agreed to transfer the course(s) to meet the requirements of the programs listed with corresponding courses. It is intended to facilitate student transfer and nursing program articulation among the following institutions:

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**Anatomy & Physiology**

Course Title	Anatomy and Physiology (Includes labs)
Number of Semester Hours	8 SH (2 semesters)
Course Prerequisite(s), if any	
Course Description	Study of the structure and function of the human body.
Course Outcomes	<p>Upon completion of this course, the student will be able to:</p> <ul style="list-style-type: none"> <li>• Understand the organization of the body from simple to complex, from the chemical level to the system level and the inter-relationships between them.</li> <li>• Gain an understanding of the role and importance of passive and active processes, membrane potentials, and feedback systems have in maintaining homeostasis.</li> <li>• Understand diagnostic treatments, procedures and technology used to identify and treat human disease and disorders.</li> <li>• Understand disease mechanisms in each system.</li> <li>• Understand the chemical basis of life and the anatomy and physiology of cells and tissues.</li> <li>• Understand body structure and function.</li> <li>• Understand the link between homeostatic imbalance and disease.</li> <li>• Organ systems that can be covered include musculoskeletal, respiratory, circulatory, nervous, integumentary, endocrine, lymphatic, digestive, reproductive, and urinary.</li> <li>• Gain a more thorough understanding of the inter-relationships and organizational hierarchy among the systems of the body.</li> <li>• Gain a more thorough understanding of role of feedback systems, osmosis/diffusion, electrolyte balance, acidosis/alkalosis in maintaining homeostasis.</li> <li>• Diagnostic procedures</li> <li>• Treatments of disease</li> </ul>
Required of PN, RN, or Both	Both
Course Prefix & Number	CCN: BIOL 220 Anatomy & Physiology I, BIOL 221 Anatomy & Physiology II
Articulation	<p>NDUS Programs:</p> <p>BSC BIOL 220 (3), BIOL 220L (1), BIOL 221 (3), BIOL 221L (1)</p> <p>DCB BIOL 220 (4), BIOL 221 (4)</p> <p>DSU BIOL 220 (4), BIOL 221 (4)</p> <p>LRSC BIOL 220 (4), BIOL 221 (4)</p> <p>MASU BIOL 220 (3) &amp; BIOL 220L (1), BIOL 221 (3) &amp; BIOL 221L (1)</p> <p>MISU BIOL 220 (4) &amp; BIOL 221 (4)</p> <p>NDSCS BIOL 220 (3) &amp; BIOL 220L (1), BIOL 221 (1) &amp; BIOL 221L (1)</p> <p>NDSU BIOL 220 (3) &amp; BIOL 220L (1), BIOL 221 (3) &amp; BIOL 221L (1)</p> <p>UND BIMD 220 (3), BMID 220L (1), BIMD 221 (3) &amp; BIMD 221L (1)</p> <p>VCSU BIOL 220 (4), BIOL 221 (4)</p> <p>WSC BIOL 220 (4), BIOL 221 (4)</p>
	<p>Tribal Programs:</p> <p>SBC BIOL 220 (4), BIOL 230 (4)</p> <p>Private Programs:</p> <p>UJ BIO 208 (5), BIO 209 (5)</p> <p>UM BIO 207 (3), BIO 207L (1), BIO 208 (3), BIO 208L (1)</p>

**Microbiology**

Course Title	Microbiology (Includes lab)
Number of Semester Hours	3-4 SH
Course Prerequisite(s), if any	
Course Description	A study of the characteristics and importance of microorganisms with emphasis on their identification, control and relationships to health and disease.
Course Outcomes	
Required of PN, RN, or Both	Both
Course Prefix & Number	
Articulation	<p>NDUS Programs:</p> <p>BSC MICR 202 (3), MICR 202L (1)</p> <p>DCB BIOL 202 (3) BIOL 202L (1)</p> <p>DSU BIOL 302 (3), BIOL 302L (1)</p> <p>LRSC BIOL 202 (3) BIOL 202L (1)</p> <p>MASU BIOL 302 (3), BIOL 302L (1)</p> <p>MISU BIOL 202 (4)</p> <p>NDSCS MICR 202 (3), MICR 202L (1)</p> <p>NDSU MICR 202 (3), MICR 202L (1)</p> <p>UND MBIO 202 (3), MBIO 202L (2) OR MBIO 302 (2), MBIO 302L (2)</p> <p>VCSU BIOL 310 (4)</p> <p>WSC MICR 202 (3), MICR 202L (1)</p>
	<p>Tribal Programs:</p> <p>SBC BIOL 202 (4)</p> <p>Private Programs:</p> <p>UJ BIO 216 (4)</p> <p>UM BIO 209 (3), BIO 209L (1)</p>

**Developmental Psychology**

Course Title	Developmental Psychology
Number of Semester Hours	3-4 SH
Course Prerequisite(s), if any	Introduction to Psychology
Course Description	Overview of theories of human development (physical, emotional, psychological, and social development) from conception across the lifespan.
Course Outcomes	
Required of PN, RN, or Both	Both
Course Prefix & Number	
Articulation	NDUS Programs: BSC PSYC 250 (3) DCB PSYC 250 (3) DSU PSYC 250 (3) LRSC PSYC 250 (3) MASU PSYC 250 (3) MISU HMS 213 (3) NDSCS PSYC 250 (3) NDSU PSYC 250 (3) or HDFS 230 (3) UND PSYC 250 (4) VCSU PSYC 250 (3) WSC PSYC 250 (3)
	Tribal Programs: SBC PSYC 250 (3) Private Programs: UJ PSYC 203 (3) UM PSY 207 (3)

**Pathophysiology**

Course Title	Pathophysiology
Number of Semester Hours	3-4 SH
Course Prerequisite(s), if any	One year of Anatomy and Physiology
Course Description	The focus of this course is to provide fundamental knowledge of the structural and functional changes that occur in the development of disease and alterations in function of human beings. The emphasis is on applying this knowledge to the signs and symptoms manifested as human responses.
Course Outcomes	Upon completion of this course, the student will be able to: <ul style="list-style-type: none"> <li>• Distinguish between physiologic and pathologic processes</li> <li>• Demonstrate understanding of how these processes manifest in human beings</li> <li>• Apply pathophysiologic concepts as a framework for critical thinking when considering the clinical manifestations and responses to illness</li> </ul>
Required of PN, RN, or Both	RN
Course Prefix & Number	
Articulation	NDUS Programs: DSU BIOL 357 (3) MISU HMS 243 (3)
	Tribal Programs: Private Programs: UJ Pathophysiology is integrated throughout the curriculum into NRSB 331, 333, and 424 UM: NUR 319 (3)

**Nutrition**

Course Title	Nutrition
Number of Semester Hours	2-3 SH
Course Prerequisite(s), if any	None
Course Description	The focus of this course is to study basic facts, principles, and concepts relating to nutrition throughout the lifecycle.
Course Outcomes	Upon completion of this course, the student will be able to: <ul style="list-style-type: none"> <li>• Describe the fundamental principles of the science of nutrition.</li> <li>• Explain the functions and sources of essential nutrients</li> <li>• Apply the concepts of nutrition and diet therapy to promote optimum health for persons of all ages.</li> </ul>
Required of PN, RN, or Both	Both
Course Prefix & Number	
Articulation	NDUS Programs: BSC NUTR 240 (3) DCB NUTR 240 (3) DSU NURS 240 (2) LRSC NUTR 240 (3) MISU HMS 240 (3) NDSCS NUTR 240 (3) NDSU HNES 250 (3) UND N&D 240 (3) WSC NUTR 240 (3)
	Tribal Programs: SBC HPER 200 (2) Private Programs: UJ NRSG 205 (2) UM NUR 216 (2)

**Pharmacology**

Course Title	Pharmacology
Number of Semester Hours	2-3 SH
Course Prerequisite(s), if any	TBD
Course Description	This focus of this course is to provide a survey of major drug classifications, including basic principles, clinical uses, therapeutic response, and potential side/adverse effects.
Course Outcomes	Upon completion of this course, the student will be able to: <ul style="list-style-type: none"> <li>Identify drug classifications, properties, uses, dosages, and implications for nursing practice.</li> <li>Utilize current pharmacological principles to optimize therapeutic and safe drug administration throughout the lifespan.</li> </ul>
Required of PN, RN, or Both	
Course Prefix & Number	
Articulation	NDUS Programs: BSC PHRM 215 (3) DCB PHRM 215 (3) DSU NURS 215 (2) LRSC PHRM 215 (3) MISU HMS 215 (3) NDSCS PHRM 205 (3) NDSU NURS 300 (3) UND PPT 315 (3) WSC PHRM 215 (3)
	Tribal Programs: SBC NURS 205 (2) Private Programs: UJ Pharmacology is integrated throughout the curriculum into NRSRG 331, 333, and 424 UM NUR 317 (3)

**Health Assessment****Licensed Practical Nurse Programs**

Course Title	Health Assessment Across the Lifespan
Number of Semester Hours	3-4 SH
Course Prerequisite(s), if any	Admission to Nursing Program
Course Description	The focus of this course is the systematic collection of health-related data, using interview, psychosocial and physical assessment skills, across the lifespan. The nursing process will provide the framework to contribute to the plan of care based on the roles and responsibilities of the licensed practical nurse.
Course Outcomes	<p>Upon completion of this course, the student will be able to:</p> <ul style="list-style-type: none"> <li>• Demonstrate beginning proficiency in interviewing, obtaining a health history, completing a physical examination, and performing specialized assessments with lifespan considerations.</li> <li>• Utilize appropriate communication techniques for data collection and documentation.</li> <li>• Discriminate between normal and abnormal findings.</li> <li>• (Demonstrate) the role and responsibilities of the licensed practical nurse in relation to health assessment findings.</li> </ul>
Required of PN, RN, or Both	PN
Course Prefix & Number	
Articulation	Institutional discretion.

**Registered Nurse Programs**

Course Title	Health Assessment Across the Lifespan
Number of Semester Hours	3-4 SH
Course Prerequisite(s), if any	Admission to Nursing Program
Course Description	The focus of this course is the systematic collection of health-related data, using interview, psychosocial and physical assessment skills, across the lifespan. The nursing process will provide the framework to formulate the plan of care based on the roles and responsibilities of the registered nurse.
Course Outcomes	<p>Upon completion of this course, the student will be able to:</p> <ul style="list-style-type: none"> <li>• Demonstrate proficiency in interviewing, obtaining a health history, completing a physical examination, and performing specialized assessments with lifespan considerations.</li> <li>• Utilize appropriate communication techniques for data collection and documentation.</li> <li>• Discriminate between normal and abnormal findings.</li> <li>• (Demonstrate) the role and responsibilities of the registered nurse in relation to health assessment findings.</li> </ul>
Required of PN, RN, or Both	RN
Course Prefix & Number	
Articulation	<p>NDUS Programs:</p> <p>DSU NURS 321 (2), NURS 398A (1)</p> <p>MISU NURS 264 (4)</p> <p>NDSU NURS 360 (4)</p>
	<p>Tribal Programs:</p> <p>Private Programs:</p> <p>UJ NRSR 206 (3)</p> <p>UM NUR 248 (4)</p>

Developed: May 2016 (DAB)

Reviewed &amp; Approved: May 2023



**Signatures:**

*Mark Hagerott* 5/18/2023

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North Dakota University System Office

*Meredith Larson* 5/18/2023

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*Daniel Leingang* 5/18/2023

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