



Associates of Science Medical Science Pre-Nursing to Bachelor of Science Exercise Science

HCCC Medical Science Pre-Nursing - AS

COURSE NUMBER	COURSE NAME	CREDITS	
CSS100	College Student Success	1	=
ENG101	College Composition I	3	=
ENG102	College Composition II	3	=
ENG112	Speech	3	=
PSY101	Introduction to Psychology	3	=

Complete 1 Math Course Below:

MAT100	College Algebra	3	=
MAT114	Intro to Probability and Statistics	3	=
CSC100	Intro to Computers and Computing	3	=
BIO111	Anatomy and Physiology I	4	=
PSY260	Lifespan Development	3	=
HUM101	Cultures and Values	3	=

1 Humanities or Social Science Elective	3	=
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Complete The Following Courses for Major Requirements:

BIO211	Anatomy and Physiology II	4	=
BIO115	Principles of Biology I	4	=
BIO116	Principles of Biology II	4	=
HLT210	Medical Law and Ethics	3	=
BIO250	Microbiology	4	=

Complete 3 of the Following Courses:

MDA106	Medical Terminology	3	=
MDA224	Pharmacology	3	=
HLT112	Pathophysiology	3	=
HLT110	Culture, Diversity, and Health	3	=
CHP100	Introduction to Chemistry	3	=

NJCU Exercise Science - BS

COURSE NUMBER	COURSE NAME	CREDITS
INTD101	Orientation to College	1
ENGL101	English Composition I	3
ENGL102	English Composition II	3
ENGL147	Effective Speaking	3
PSYC110	Introduction to Psychology	3

MATH112 *	Intermediate Algebra	3 *
MATH140	Statistics I	3
CS107	Computers & Information Systems	3
BIOL236	Anatomy and Physiology I	4
PSYC152	Development Adol. to Adulthood	3
WGST110	Diversity and Difference: Identities, Communities, and Cultures	3
TBD		3

BIOL237	Anatomy and Physiology II	4
BIOL130	Principles of Biology I	4
BIOL131	Principles of Biology II	4
HLTH2XX	Health Sciences Elective Credits	3
BIOL303	Microbiology	4

HLTH1XX	Health Sciences Elective Credits	3
Not Transferable		
BIOL311	Pathophysiology	3
HLTH1XX	Health Sciences Elective Credits	3
CHEM100	Preperation for General Chemistry	3

Notes:

* NJCU recommended

Total Credits

60

General Education Waived

Remaining NJCU Courses

COURSE NUMBER	COURSE NAME	CREDITS
Prerequisites		
MATH112 *	Intermediate Algebra	0-3 *
HLTH 203	Cultural Aspects of Health	3

Required Courses		40
FES 205	Prevention & Treatment of Athletic Injuries	3
FES 207	Introduction to Exercise Science	3
FES 314	Life Span Motor Development	3
FES 315	Structural Kinesiology	3
FES 320	Sports Nutrition	3
FES 325	Exercise Testing and Prescription	3
FES 326	Adapted Physical Education	3
FES 344	Psychosocial Aspects of Sport	3
FES 407	Responding to Emergencies	3
FES 410	Motor Control and Learning	4
FES 414	Contemporary Issues in Exercise Science	3
FES 422	Exercise Physiology	3
FES 450	Internship in Exercise Science	3

FES Electives (Choose a minimum of 12 credits)		12
FES 104	Spinning (R)	2
FES 111	Yoga I	2
FES 113	Yoga II	2
FES 116	Swimming Level 1	2
FES 117	Swimming Level 2	2
FES 118	Scuba Open Water Dive Course	3
FES 121	Pilates Flexibility Methods	3
FES 123	Step Aerobics I	3
FES 124	Cardio-Training I	3
FES 180	Karate-Tae Kwon Do	3
FES 188	Basic Fencing	3
FES 190	Weight Training Methods	3
FES 202	Foundations of Physical Fitness	3
FES 310	Sport in American Society	3

Free Elective Courses	5
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OR

Special Electives **		5-8 **
BIOL 130	Principles Biology I	0
BIOL 224	The Human Body	3
CHEM 105	General Chemistry I Lecture	3
CHEM 1105	General Chemistry I Recitation/Laboratory	2
CHEM 106	General Chemistry II Lecture	3
CHEM 1106	General Chemistry II Recitation/Laboratory	2
MATH 140	Statistics I	3
PHYS 101	Basic Concepts of Physics	3

Note:

* This course may be satisfied from transfer if recommendation taken

** These will be recommendations on a case by case basis if you're interested in pre-professional/graduate school (Not Required for Major)