FAU

FLORIDA ATLANTIC UNIVERSITY

NEW/CHANGE PROGRAM REQUEST
Undergraduate Programs

UUPC Approval 2-23-26
UFS Approval _____
Banner _____
Catalog _____

Department Exercise Science & Health Promotion

College Science

Program Name	☐ **New Program***	**Effective Date** *(TERM & YEAR)*
BA Health Science	☑ **Change Program***	Fall 2026

Please explain the requested change(s) and offer rationale below or on an attachment.

We are proposing program modifications to better reflect current course offerings which will increase accessibility and viability. These changes will give students more choices with proposed courses and concentrations being offered more frequently than older courses/concentrations. Proposed changes also reflect the evolving job market by adding internships to increase experiential learning opportunities. A detailed list of changes is provided on the following page.

*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.

Faculty Contact/Email/Phone	**Consult and list departments that may be affected by the change(s) and attach documentation**
Chris Boerum cboerum@fau.edu 954-892-8001	Health Administration

Approved by	***Date***
Department Chair: Michael Zourdos	2-12-26
College Curriculum Chair: [signature]	2 / 12 / 26
College Dean: [signature]	2/13/26
UUPC Chair: Korey Sorge	2-23-26
Undergraduate Studies Dean: Dan Meeroff	2-23-26
UFS President:	
Provost:	

Email this form and attachments to mjenning@fau.edu seven business days before the UUPC meeting.

Description of Health Science Changes

Core Curriculum Changes

- The "Core" Requirements were split into two sets of requirements: 1) Health Science Core and 2) Science Core
    - Within the "science core" the language is now simplified for students to "choose any 5" courses
    - The course PET 3361 Nutrition in Health and Exercise has now been included in the "Health Science Core"
    - Due to the inclusion of PET 3361 in the Health Science Core, MCB 2004 and 2004L Microbiology for Health Services and Lab have been moved to the science core
    - The total credits in the health science core and science core have changed to meet the changes, but with a similar overall total to before

Concentration Changes

- The **women's health concentration has been removed** since many courses in that concentration are not offered regularly; the concentration is no longer viable
- The **science concentration was renamed the "Science and Wellness"** concentration and now includes more options for health and wellness courses
- Two new concentrations have been added: 1) Health Management and 2) Advanced Health Science
- The **ESHP (PET 4946) and Science (IDS 3941) internships were included as elective options in every concentration.**
    - These experiential learning opportunities increase access to the allied health internships and will significantly increase the alignment of the program with the allied health workforce
- **Prerequisites for Exercise Physiology 1 are being changed to Anatomy and Physiology 1 & 2 <u>or</u> Biological Principles and Biodiversity with labs** thus allowing more HS students to take the course while preventing our (ESHP) students from taking the course before completing their pre-professional requirements.
- **The following courses were removed** as electives because they have not been offered in the past few years or offered sparingly only as honors sections:
    - ANT 4365 Asian Medical Systems
    - PUP 4623 Politics of Community Development
    - SYO 4404 Health and Social Inequality
    - PCB 4233 Immunology
    - PET 4330C Kinesiology

- **The following courses were added** due to the addition of a new concentration, to increase alignment with the allied health profession, or to add more offerings that align with an existing concentration.
    - APK 4134 Exercise Physiology 2 (Science and Wellness)
    - PEP 3192 Applications of Training Physiology I (Science and Wellness)
    - PEP 4138 Applications of Training Physiology 2 (Science and Wellness)
    - PET 4550 Exercise Testing and Prescription (Science and Wellness)
    - PET 4946 Internship in ESHP (All Concentrations)
    - IDS 3941 Science Internship (All Concentrations)
    - PET 4340C Biomechanics (Advanced Health Science)
    - HSA 3111 Health Delivery Systems (Health Management)
    - HSA 3191 Technology in Health Care Organizations (Health Management)
    - PET 4404 Management in Health & Exercise Science (new name proposed concurrently with these changes)
- **The following courses already existed as electives but were added to additional concentrations** to allow more offerings that align with that concentration and to compensate for courses that were removed because they were not offered.
    - PET 3050 Neurophysiology of Human Movement (Behavioral and Mental Health)
    - HSC 4581 Health Promotion (Behavioral and Mental Health and Advanced Health Science)
    - HSC 3102 Perspectives in Health and Wellness (Behavioral and Mental Health and Advanced Health Science)
    - HSA 4113 Issues and Trends in Health Care (Health Management)
    - HSC 4143 Substance Abuse (Health Management)
    - HSC 4139 Weight Management (Health Management)
    - HSC 4104 Stress Management (Health Management)
    - SDS 4410 Interpersonal Communication Skills (Health Management)
    - PSB 3002 Biological Basis of Health (Health Management and Advanced Health Science)
- It is now noted on the program sheet that **some courses may not be offered every semester and that prerequisites are necessary for specific courses**
- **The language regarding electives has been changed as follows:**
    - Changed wording to: “21 credits from list below; 15 credits must be in one concentration area.
    - Added two titles in concentration/additional course areas for clarity.
    - Moved additional courses to bottom of the concentration lists and added simplified language.
        - Students may apply a maximum of 6 credits from the following list toward any concentration: HSA 3534 – 3 credits, HAS 4113 – 3 credits, HSA 4423 – 3 credits, and PHI 4633 – 4 credits.”

HEALTH SCIENCE
BACHELOR OF ARTS (B.A.)

Behavioral and Mental Health Concentration
Public/Global/Environmental Health Concentration
Science & Wellness Concentration
Health Management Concentration
Advanced Health Science Concentration
~~Women's Health Concentration~~

(Minimum of 120 credits required)

The Bachelor of Arts with major in Health Science degree is designed for students interested in pursuing careers in healthcare-related professions. This degree provides broad-based interdisciplinary training with a core in ~~the~~ basic health science concepts, a required science core, and ~~requires a~~ an additional concentration in one of the following areas: ~~Women's Health,~~ Public/Global/Environmental Health, Science & Wellness, Health Management, Advanced Health Science, and Behavioral and Mental Health.

The program structure enables students to take relevant coursework in various colleges and departments across FAU to broaden their understanding of factors that both positively and negatively impact the healthcare system, patients and practitioners. In addition, through the Health *Science* course sequence, students learn how professionals from various fields of practice (medicine, pharmacy, social work, nursing, etc.) interact in a collaborative manner. Students also have access to clinical observation opportunities and other extracurricular activities (lab experiences, internships, research).

Prerequisite Coursework for Transfer Students

Students transferring to Florida Atlantic University must complete both lower-division requirements (including the requirements of the Intellectual Foundations Program) and requirements for the college and major. Lower-division requirements may be completed through the A.A. degree from any Florida public college, university or community college or through equivalent coursework at another regionally accredited institution. Before transferring and to ensure timely progress toward the baccalaureate degree, students must also complete the prerequisite courses for their major as outlined in the *Transition Guides.*

All courses not approved by the Florida Statewide Course Numbering System that will be used to satisfy requirements will be evaluated individually on the basis of content and will require a catalog course description and a copy of the syllabus for assessment.

Core Requirements

Health Science 1: Foundations of Health and Illness	IDS 2122
Health Science 2: Evaluating the Evidence	IDS 3184
Health Science 3: Capstone Project	IDS 3893
General Psychology	PSY 1012
Human Development	DEP 3053
College Algebra	MAC 1105
Methods of Calculus	MAC 2233
OR	
Statistics	STA 2023
~~Statistics~~	~~STA 2023~~
Health Fitness for Life	HSC 2100
Physical Science	PSC 2121
OR	
College Physics 1 & General Physics 1 Lab	PHY 2053, 2048L
Microbiology for Health Services and Lab	MCB 2004, 2004L
Nutrition in Health and Exercise	PET 3361

~~Choose from:~~

Science Core Requirements

Students must choose two sets of sequential courses (totaling 15-16 credits)

Biological Principles and Lab	BSC 1010, 1010L
Biodiversity and Lab	BSC 1011, 1011L
OR	
Anatomy and Physiology 1 and Lab	BSC 2085, 2085L
Anatomy and Physiology 2 and Lab	BSC 2086, 2086L

~~Choose from:~~ **OR**

Contemporary Chemical Issues	CHM 1020C
General Chemistry for the Health Sciences and Lab	CHM 2032, 2032L
OR	
General Chemistry 1 and Lab	CHM 2045, 2045L
General Chemistry 2 and Lab	CHM 2046, 2046L

~~Choose from:~~

~~Physical Science~~	~~PSC 2121~~
~~**OR**~~	
~~College Physics 1 and~~	~~PHY 2053~~
~~General Physics 1 Lab~~	~~PHY 2048L~~

~~Additional Required Credits~~

Concentration Areas

21 credits from list below; 15 credits must be in one concentration area

~~The following four courses may be used in any concentration~~

~~Health Care Medical Terminology~~	~~HSA 3534~~
~~Issues and Trends in Health Care~~	~~HSA 4113~~
~~Health Law~~	~~HSA 4423~~
~~Biomedical Ethics~~	~~PHI 4633~~

~~*Women's Health Concentration*~~

~~Culture, Gender and Health~~	~~ANT 4469~~
~~Women, Witches and Healing~~	~~NUR 4176~~
~~Psychology of Women~~	~~SOP 3742~~
~~Family Violence~~	~~SOW 4141~~
~~Women, Violence, Resistance~~	~~WST 3325~~
~~Other, as approved by advisor~~	~~-~~

Public/Global/Environmental Health Concentration

~~Asian Medical Systems~~	~~ANT 4365~~
Environment and Disease	ANT 4463
Psychopathology	CLP 4144
Environmental Issues in Atmospheric and Earth Science	ESC 3704
Health Research Methods	HSA 4700
Perspectives in Health	HSC 3102
Stress Management	HSC 4104
Weight Management	HSC 4139
Substance Abuse	HSC 4143
Health Promotion	HSC 4581
~~Nutrition in Health and Exercise~~	~~PET 3361~~
Obesity: Biological, Psychological and Cultural Factors	PET 4263
~~Politics of Community Development~~	~~PUP 4623~~
~~Health and Social Inequality~~	~~SYO 4404~~
~~Sociology of Mental Health~~	~~SYO 4410~~
Sociology of Mental Health	SYO 3410
Drugs and Society	SYP 3550
Internship in ESHP (3-9 Credits)	PET 4946
Science Internship (1-3 Credits)	IDS 3941

Students may choose one internship course for a maximum of nine credits.

Other, as approved by advisor

Science & Wellness Concentration

Exercise Physiology 1 and Exercise Lab Techniques	APK 4110, 4110L
Exercise Physiology 2	APK 4134
Applications of Training Physiology 1	PEP 3192
Applications of Training Physiology 2	PEP 4138
Exercise Testing & Prescription	PET 4450
~~Biochemistry 1~~	~~BCH 3033~~
General Microbiology	MCB 3020
General Pathophysiology	NUR 4125
Genetics	PCB 3063
~~Immunology~~	~~PCB 4233~~
Neurophysiology of Human Movement	PET 3050
Stress Management	HSC 4104
Weight Management	HSC 4139
~~Nutrition in Health and Exercise~~	~~PET 3361~~
~~Kinesiology~~	~~PET 4330C~~
Biological Bases of Behavior	PSB 3002
Psychopharmacology	PSB 4444
Speech and Hearing Science	SPA 4011
Anatomy and Physiology of the Speech and Hearing Mechanism	SPA 4101
Internship in ESHP (3-9 Credits)	PET 4946
Science Internship (1-3 Credits)	IDS 3941

Students may choose one internship course for a maximum of nine credits.

APK, PEP, & PET courses have additional prerequisites

Health Management Concentration

Health Delivery Systems	HSA 3111
Technology in Health Care Organizations	HSA 3191
Issues & Trends in Health Care	HSA 4113
Stress Management	HSC 4143
Weight Management	HSC 4139
Interpersonal Communication Skills	SDS 4410
Biological Basis of Behavior	PSB 3002
Management in Health & Exercise Science	PET 4404
Psychology of Motivation	EXP 4304
Internship in ESHP (3-9 Credits)	PET 4946
Science Internship (1-3 Credits)	IDS 3941

Students may choose one internship course for a maximum of nine credits.
HSA 31111 must be taken before any other HSA course.

Advanced Health Science Concentration

Environment and Disease	ANT 4463
Health Research Methods	HSA 4700
Health Promotion	HSC 4581
Biological Basis of Behavior	PSB 3002
Clinical Psychology	CLP 4343
General Pathophysiology	NUR 4125
Genetics	PCB 3063
Neuropsychology	PSB 4020
Biomechanics	PET 4340C
Psychopathology	CLP 4144
Neurophysiology of Human Movement	PET 3050
Internship in ESHP (3-9 Credits)	PET 4946
Science Internship (1-3 Credits)	IDS 3941

Students may choose one internship course for a maximum of nine credits.

Behavioral & Mental Health Concentration

Psychopathology	CLP 4144
Neurophysiology of Human Movement	PET 3050
Clinical Psychology	CLP 4343
Health Promotion	HSC 4581
Perspectives in Health	HSC 3102
Stress Management	HSC 4104
Substance Abuse	HSC 4143
Obesity: Biological, Psychological and Cultural Factors	PET 4263
Biological Bases of Behavior	PSB 3002
Neuropsychology	PSB 4240
Interpersonal Communication Skills	SDS 4410
Psychology and the Law	SOP 4751
~~Sociology of Mental Health~~	~~SYO 4410~~
Sociology of Mental Health	SYO 3410
Internship in ESHP (3-9 Credits)	PET 4946
Science Internship (1-3 Credits)	IDS 3941

Students may choose one internship course for a maximum of nine credits.

Additional Credits

Students may apply a maximum of 6 credits from the following list toward any concentration

Health Care Medical Terminology	HSA 3534
Issues and Trends in Health Care	HSA 4113
Health Law	HSA 4423
Biomedical Ethics	PHI 4633

Name:_____
Z Number:_____

Health Science Core	Course Number	Credits
Health Science 1: Foundations of Health and Illness	IDS 2122	3
Health Science 2: Evaluating the Evidence	IDS 3184	1
Health Science 3: Capstone Project	IDS 3893	1
General Psychology	PSY 1012	3
Human Development	DEP 3053	3
College Algebra	MAC 1105	3
Methods of Calculus or Statistics	MAC 2233/STA 2023	3
Health Fitness for Life	HSC 2100	2
Physical Science OR	PSC 2121 OR	3
College Physics 1 & General Physics 1 Lab	PHY 2053 and PHY 2048L	5
Microbiology for Health Services and Lab	MCB 2004, 2004L	4
Nutrition in Health and Exercise	PET 3361	3
Total		**29 – 31**

Science Core

Students must choose 2 sets of sequntial courses

Course Name	Course Number	Credits
Biological Principles and Lab and* **	**BSC 1010, 1010L**	4
Biodiversity and Lab* **	**BSC 1011, 1011L**	4
Anatomy and Physiology 1 and Lab	**BSC 2085, 2085L**	4
Anatomy and Physiology 2 and Lab	**BSC 2086, 2086L**	4
Contemporary Chemical Issues and	**CHM 1020C**	**3**
General Chemistry for the Health Sciences and Lab	**CHM 2032, 2032L**	**4**
General Chemistry 1 and Lab* ** and	**CHM 2045, 2045L**	4
General Chemistry 2 and Lab* **	**CHM 2046, 2046L**	4
		15– 16

Concentrations

Students must select one concentration from the list below. 21 credits must be taken from any of the courses listed in the concentration section, but 15 credits must come directly from your selected concetration. Be aware courses may not be offered every semester. Consult your advisor for more details.

Public/Global/Environmental Health
Science & Wellness
Behavioral & Mental Health
Health Management
Advanced Health Science

Notes: Students need a total of 120 credits to graduate. In addition to core and concentrations students must complete the required 19-22 credits of general education requirements. Any combination of courses and concentrations must include 45 upper division hours (3000-4000). If you are a transfer student a minimum of 30-credits must be taken at FAU. Students interested in an allied health career are reccomended to take College Algebra instead of statistics.

****BSC 1010, BSC 1010L, BSC 1011, BSC 1011L, CHM 2045, CHM 2045L, CHM 2046, and CHM 2046L are required from the science core for the Science and Wellness Concentration*

Public/Global/Environmental Health Concentration

Environment and Disease	ANT 4463	3
Psychopathology	CLP 4144	3
Environmental Issues in Atmospheric & Earth Sci	ESC 3704	3
Health Research Methods	HSA 4700	3
Perspectives in Health and Wellness	HSC 3102	3
Stress Management	HSC 4104	3
Weight Management	HSC 4139	3
Substance Abuse	HSC 4143	3
Health Promotion	HSC 4581	3
Obesity: Biological, Psyc & Cultural Factors	PET 4263	3
Drugs and Society	SYP 3550	3
Sociology of Mental Health	SYO 3410	3
Internship in ESHP	PET 4946	3-9
Science Internship	IDS 3941	1-3

Students may choose one internship course for a maximum of 9 credits

Advanced Health Science

Environment and Disease	ANT 4463	3
Health Research Methods	HSA 4700	3
Health Promotion	HSC 4581	3
Biological Bases of Behavior	PSB 3002	3
Clinical Psychology	CLP 4343	3
General Pathophysiology	NUR 4125	3
Genetics	PCB 3063	3
Neuropsychology	PSB 4240	3
Biomechanics	PET 4340C	4
Psychopathology	CLP 4144	3
Neurophysiology of Human Movement	PET 3050	3
Internship in ESHP	PET 4946	3-9
Science Internship	IDS 3941	1-3

Courses may not be offered every semester

Students may choose one internship course for a maximum of 9 credits

Science & Wellness Concentration***

Exercise Physiology 1 and	APK 4110	3
Exercise Lab Techniques	APK 4110L	1
Exercise Physiology 2	APK 4134	3
Applications of Training Physiology 1	PEP 3192	3
Applications of Training Physiology 2	PEP 4138	3
Exercise Testing & Perscription	PET 4550	4
General Microbiology	MCB 3020	3
General Pathophysiology	NUR 4125	3
Genetics	PCB 3063	3
Neurophysiology of Human Movement	PET 3050	3
Stress Management	HSC 4104	3
Weight Management	HSC 4139	3
Biological Bases of Behavior	PSB 3002	3
Speech and Hearing Science	SPA 4011	3
A&P of the Speech and Hearing Mechanism	SPA 4101	3
Internship in ESHP	PET 4946	3-9
Science Internship	IDS 3941	1-3

APK, PEP, and PEP courses have prerequisites

Students may choose one internship course for a maximum of 9 credits

Behavioral and Mental Health Concentration

Psychopathology	CLP 4144	3
Neurophysiology of Human Movement	PET 3050	3
Clinical Psychology	CLP 4343	3
Health Promotion	HSC 4581	3
Perspectives in Health and Wellness	HSC 3102	3
Stress Management	HSC 4104	3
Substance Abuse	HSC 4143	3
Obesity: Biological, Psyc & Cultural Factors	PET 4263	3
Biological Bases of Behavior	PSB 3002	3
Neuropsychology	PSB 4240	3
Interpersonal Communication Skills	SDS 4410	3
Sociology of Mental Health	SYO 3410	3
Psychology and the Law	SOP 4751	3
Internship in ESHP	PET 4946	3-9
Science Internship	IDS 3941	1-3

Students may choose one internship course for a maximum of 9 credits

Health Management Concentration

Health Delivery Systems	HSA 3111	3
Technology in Health Care Organizations	HSA 3191	3
Issues & Trends in Health Care	HSA 4113	3
Substance Abuse	HSC 4143	3
Weight Management	HSC 4139	3
Stress Management	HSC 4104	3
Interpersonal Communication Skills	SDS 4410	3
Biological Bases of Behavior	PSB 3002	3
Management in Health & Exercise Science	PET 4404	3
Psychology of Motivation	EXP 4304	3
Internship in ESHP	PET 4946	3-9
Science Internship	IDS 3941	1-3

HSA 3111 must be taken before any other HSA course

Students may choose one internship course for a maximum of 9 credits

Additional Elective Credts

Students may apply a maximum of 6 credits from the following list toward any concentration

Health Care Medical Terminology	HSA 3534	3
Issues and Trends in Health Care	HSA 4113	3
Health Law	HSA 4423	3
Biomedical Ethics	PHI 4633	3