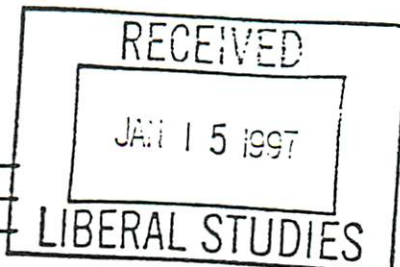


LSC Use Only  
Number: \_\_\_\_\_  
Submission Date: \_\_\_\_\_  
Action-Date: \_\_\_\_\_



revised

UWUCC USE Only  
Number: 97-11  
Submission Date: App. 2/17/98  
Action-Date: Senate app. 3/3/98

**CURRICULUM PROPOSAL COVER SHEET**  
University-Wide Undergraduate Curriculum Committee

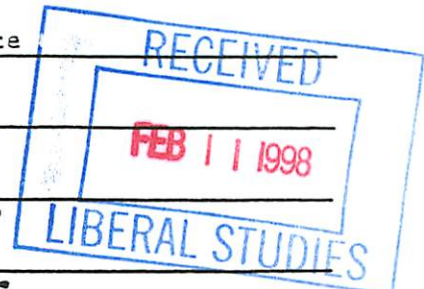
I. CONTACT

Contact Person Dr. James Mill Phone 357-2770  
Department Health and Physical Education

II. PROPOSAL TYPE (Check All Appropriate Lines)

COURSE \_\_\_\_\_  
Suggested 20 character title  
 New Course \* \_\_\_\_\_  
Course Number and Full Title  
 Course Revision \_\_\_\_\_  
Course Number and Full Title  
 Liberal Studies Approval - \_\_\_\_\_  
for new or existing course Course Number and Full Title  
 Course Deletion \_\_\_\_\_  
Course Number and Full Title  
 Number and/or Title Change \_\_\_\_\_  
Old Number and/or Full Old Title  
New Number and/or Full New Title

Course or Catalog Description Change \_\_\_\_\_  
Course Number and Full Title  
 PROGRAM:  Major  Minor  X Track  X  
 New Program \* \_\_\_\_\_  
Program Name  
 X Program Revision \* \_\_\_\_\_  
Exercise Science Program Name  
 Program Deletion \* \_\_\_\_\_  
Program Name  
 Title Change \_\_\_\_\_  
Old Program Name  
New Program Name



III. Approvals (signatures and date)

M. L. P. [Signature]  
Department Curriculum Committee

Mary E. Smith 12/17/96  
College Curriculum Committee

James Mill  
Department Chair

David E. Wengard 23 Dec 96  
College Dean

-Director of Liberal Studies (where applicable)

\*Provost (where applicable)

## **Part II**

### **1. Catalog Description for the Revised Program**

The degree program in physical education and sport provides emphasis in subject content and skills necessary to prepare students for leadership roles in careers in the health and fitness industry and sport science. Students may select one of the four tracks which will supplement the physical education and sport degree. These include:

- A. Aquatics
- B. Exercise Science
- C. Sport Administration
- D. Athletic Training

These tracks, in some cases, will provide students the necessary course content and classroom preparation required for licensing and national certification examinations.

## **Part II**

### **3. Rationale for Tracks**

#### **Exercise Science, Aquatics, Athletic Training and Sport Administration Tracks in Physical Education and Sport**

Creation of 4 new tracks (Exercise Science, Aquatics, Athletic Training, and Sport Administration) in addition to the nutrition minor within the Physical Education and Sport major will provide students with innovative, relevant and challenging curriculum and at the same time encouraging the promotion of interdisciplinary work. For the students, course contents can be focused towards specific professions within the sport major, as well as national credentialing exams. Student internships and pre-professional experiences can be more appropriately focused to enhance opportunity for post-graduation employment. The exercise science track has been designed as a result of a growing public awareness concerning the benefits of exercise and the need to maintain fitness levels. Current career opportunities are found in settings such as cardiac rehabilitation, hospital-based wellness programs, corporate-employee fitness programs, community-based fitness programs and private fitness clubs. Additionally, many students in the exercise science track will be pursuing admission to physical therapy programs.

### **Part III**

- 1. How will the proposed revision affect students already in the existing program?**  
Courses that make-up the specific tracks are currently offered in the Physical Education and Sport major under the title of Controlled Electives. Therefore, students already in the program will not be affected by creation of the tracks. In addition, students have the opportunity to elect a minor in nutrition. Some students interested in careers in aquatics and athletic training may chose emphasis classes because of licensure or credentialing requirements.
- 2. How will the proposed revision affect faculty teaching loads?**  
No changes in faculty teaching loads will be required as a result of the creation of the four tracks. This exercise science track does not result in any additional new courses.
- 3. Are other resources adequate?**  
No additional resources will be required as a result of the creation of the four tracks.
- 4. Do you expect an increase of average in the number of students as a result of these revisions? If so, how will the department adjust?**  
Development of tracks will provide students with a more focused curriculum. We do not, therefore, anticipate any changes in enrollment because of these revisions at this time.

**BACHELOR OF SCIENCE - PHYSICAL EDUCATION AND SPORT SCIENCE  
EXERCISE SCIENCE TRACK**

Liberal Studies: As outlined in Liberal Studies section with the following specifications:

Mathematics: MA 101 or MA 110 or MA 217

Health and Wellness: FN 143 or MS 101-102

Natural Science: BI 103-104 or CH 101-102

Social Science: PC 101, SO 151

Liberal Studies Electives: FN 145, CO/BE/IM 101, no courses with HP prefix

LIBERAL STUDIES.....54 - 55

**CORE REQUIREMENTS**

HP 142	Foundations of Health and Physical Education	3sh
HP 200	Fundamentals of Physical Activity	1sh
HP 210	Motor Development	2sh
HP 221	Human Structure and Function	3sh
HP 251	Foundations of Safety and Emergency Health Care	3sh
HP 263	Aquatics	1sh
HP 315	Biomechanics	3sh
HP 341	Evaluation in Health and Physical Education	3sh
HP 343	Physiology of Exercise	3sh
HP 344	Adapted Physical Education	3sh
HP 441	Psychosocial Implications for Health and Physical Education	3sh
HP 442	Seminar in Health and Physical Education	3sh

CORE REQUIREMENTS.....31

**SPORT SCIENCE REQUIREMENTS**

HP 319	Preprofessional Experience II	1-3sh
HP 345	Athletic Training I	3sh
HP 346	Athletic Training Lab	1sh
HP 375	Physiological Basis of Strength	3sh
HP 410	Exercise Prescription	3sh
HP 412	Physical Activity and Stress Management	3sh

SPORT SCIENCE REQUIREMENTS.....14-16

**EXERCISE SCIENCE TRACK**

HP 411	Physical Fitness Appraisal and Guidance	3 sh
HP 413	Physical Activity and Aging	3 sh
BI 151	Human Physiology	4 sh
PY 151	Medical Physics Lecture	3 sh
PY 161	Medical Physics Lab	1 sh

EXERCISE SCIENCE ~~EMPHASIS~~ <sup>TRACK</sup> REQUIREMENTS.....14

FREE ELECTIVES.....8-11

TOTAL DEGREE REQUIREMENTS.....124

**Department of Health and Physical Education  
B.S. in Physical Education and Sport  
Exercise Science Track - Curriculum Sequence**

**FIRST SEMESTER**

EN 101 College Writing	4
_____ Natural Science Opt	4
HP 142 Foundation of HPE	3
HI 195 Hist the Modern Era	3
HP 263 Aquatics	1
	<u>15</u>

**SECOND SEMESTER**

_____ Natural Science-Opt	4
_____ Fine Arts Opt	3
HP 200 Fundamen Phy Act	1
HP 210 Motor Develop	2
HP 251 Safety Emerg	3
LS Health and Wellness	3
	<u>16</u>

**THIRD SEMESTER**

PC 101 General Psych	3
FN 145 Intro to Nutr	3
HP 221 Human Struct Func	3
SO 151 Principles of Soc	3
CO/BE/IM 101	3
	<u>15</u>

**FOURTH SEMESTER**

_____ Soc Science Elt(non-west)	3
_____ Math - Opt	3
HP 375 Physio Basis of Str	3
_____ Humanities	3
PY 151 Medical Physics	3
PY 161 Medical Physics Lab	1
	<u>16</u>

**FIFTH SEMESTER**

HP 315 Biomechanics	3
BI 151 Hum Phy	4
EN 202 Research Writing	3
HP 341 Evaluations	3
HP 344 Adapted P.E.	3
	<u>16</u>

**SIXTH SEMESTER**

HP 343 Physiology of Exer	3
HP 345 Athletic Training	3
HP 346 Athletic Training Lab	1
HP 412 Physic Act & Stress	3
_____ Humanities Elective	3
_____ Liberal Studies Elective	3
	<u>16</u>

**SEVENTH SEMESTER**

HP 319 Pre Prof Exp	3
HP 410 Exercise Prescription	3
HP 441 Psycho Soc Inplic	3
HP 442 Seminar	3
HP 499 Senior Synthesis	3
	<u>15</u>

**EIGHTH SEMESTER**

HP 411 Appraisal & Guid	3
LS 413 Physic Activ & Aging	3
_____ Elective	3
_____ Elective	3
_____ Elective	3
	<u>15</u>

(HP 493 Internship is strongly recommended)

#244

#244 31-OCT-1997 08:49:38.96

MAIL

From: GROVE::JSTEINER  
To: GROVE::JIMMILL  
CC:  
Subj: RE: sports nutrition course

From: GROVE::JIMMILL 29-OCT-1997 16:31:12.44  
To: JOANNE\_STEINER  
CC: JIMMILL  
Subj: sports nutrition course

Joanne

We are proposing an athletic training certification track and have included the FN 235 course as a required course in the track. Rita and I have discussed this in the past and I think if memory serves me right, I wrote a supporting letter to the UWCC advising them of the need for this course in our major, when 235 was going through the approval process. Would you mind sending me something that I could show to the UWCC indicating you have given us permission to use the course. I do not understand why it is necessary since the course is included in the Nutrition minor which our students have access to....but I will

Press RETURN for more...

MAIL>

VT320 Help: Alt-? Script: Alt-X COM1

Serial 9600 ~

#244 31-OCT-1997 08:49:38.96

MAIL

do what they ask. I would appreciate any attention you can give this matter.  
Thanks..

Reply: The Food and Nutrition Department fully supports the inclusion of FN 245 Sports Nutrition as a required course for the athletic training certification track. Joanne Steiner, Chair, Department of Food and Nutrition.

MAIL>

VT320 Help: Alt-? Script: Alt-X COM1

Serial 9600 ~

that there will be no change in students enrolled in BI 151. I will, via this e-mail, pass your message to the Chair of our biology curriculum committee and ask that if he sees some "issue", he pass it along to you and me. Otherwise, I certainly see no reason to inhibit your proposed change.  
Bob

At 03:05 PM 2/2/98 -0500, you wrote:

>Bob,  
>We are in the process of revising the HPE curriculum for the Physical Education and Sport degree. Basically what we are doing is defining Tracks within the major, which in some cases already exist. For example, the exercise science emphasis was always a part of the major, but more implied than defined. In this emphasis we recommended students take the BI 151, Human Physiology and listed it as a controlled elective. In this revision we would still like to list BI 151 in the exercise science track. I project that we would probably be advising 5

Press RETURN for more...

MAIL>  
New mail on node MAPLE from GROVE::CMDUGAN (15:54:27)  
MAIL>  
New mail on node MAPLE from GROVE::PKFROE "Pam Froelicher" (16:10:13)  
MAIL>  
VT320 Help: Alt-? Script: Alt-X COM1 Serial 9600 ~

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Script: Alt-X C

#2 2-FEB-1998 15:22:06.89 NEWMAIL

im,  
I see no problem with this subtle change. It seems, from your e-mail, that there will be no change in students enrolled in BI 151. I will, via this e-mail, pass your message to the Chair of our biology curriculum committee and ask that if he sees some "issue", he pass it along to you and me. Otherwise, I certainly see no reason to inhibit your proposed change.  
Bob

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97-11

#2 24-OCT-1997 13:38:45.30

NEWMAIL

>I have just met with Ron Julliette regarding the course proposals we currently  
 >have at the UWCC. In the one track that we are proposing, we are  
 >including the  
 >Medical Physics course and lab as required for the exercise science track.  
 >You  
 >and I discussed this last November and your recommendation was that this would  
 >be a good course for HPE majors to take before the Biomechanics course.  
 >Anyway  
 >I thought it was a "done deal", but apparently the UWCC was never informed.  
 >Would you please send me something that I could include in the proposal  
 >revision indicating the Physics department approval for HPE majors in the  
 >PY 151  
 >and PY161 courses. Any attention you can give to this matter is appreciated.  
 >These proposals have been in committee for a very long time and we would like  
 >to see them moved on, one way or the other.

\*  
 Jim,  
 The Physics Department will be able to accommodate students from the  
 exercise science track of your Physical Education and Sport Program in our

Press RETURN for more...

MAIL>  
 Esc-ctrl: ^] help: ^]? port:1 speed: 9600 parity:none echo:rem VT320 ....

#2 24-OCT-1997 13:38:45.30

NEWMAIL

Medical Physics course and laboratory. The Medical Physics course is PY 151  
 and the laboratory is PY 161. As I indicated to you, this course would be a  
 very useful prerequisite for your Biomechanics course.

Dick Roberts

Richard D. Roberts  
 Chair, Physics Department  
 357-2371

MAIL>

Esc-ctrl: ^] help: ^]? port:1 speed: 9600 parity:none echo:rem VT320 ....

Responses from Jim Mill 2-11-98 with reference to HPE proposals: 97-6 to 11. 97-15

97-6 Aquatics track; 97-7 Athletic training track; 97-8 HP 365; 97-9 HP 446; 97-10 HP 448; 97-11 Exercise Sci track; 97-15 Sport Admin track

UWUCC questions/concerns:

Program revision:

1. Our suggestion: add MA 105 to LS math courses. Dept. response: no, students are advised to take MA 217
2. Correct title: Sport Administration (changed throughout proposals)
3. Catalog description of program: new catalog description begins after heading "Bachelor of Science Degree (Physical Education and Sport) and replaces the current paragraph. The YMCA paragraph stays.
4. Omit "greater" in first sentence of new catalog description (from "provides greater emphasis" to "provides emphasis")
5. 97-6 and other places: HP 319 is 1-3 sh (not 3 sh--Jim will double check with catalog editor; he doesn't know how that error was made, the course is listed a var-3 in 97-98 catalog)
6. We had a concern re: faculty workload; Jim repeated that the department currently has 2 faculty and is presently hiring a 3<sup>rd</sup> with specialization in athletic training. These faculty normally teach two sections of Health & Wellness and 2 sections/courses (new). The "modalities" course will be offered in Fall and Spring and also in the summer to attract students from outside IUP
7. Internship strongly recommended (not required); "free electives" not electives; "track" not "emphasis area"
8. 97-15 correct title (Sport Administration see 2 above); e-mail received from Bob Camp; 18 credit semester corrected

New courses:

9. 97-8 objective C (changed to "discuss differences in the assessment methods utilized for athletes of varying ages, gender and developmental levels" from "discuss differences in the assessment methods utilized for athletes of varying ages, gender, developmental levels and ethnic backgrounds.")
10. 97-9 A-1 prerequisite is HP 365 (incorporates HP 345 and HP 346); change from "a course which is required for NATA" to "the content of this course is required for NATA"; also change in A-7 from course to content.
11. 97-10 A-1, A-7 same as above
12. 97-11 HP 319 (1-3 sh); BI 151 (not BI 155); inform Bio