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| Action: | | | Number: Action: | 97-54 |
| Date: | | | Action: Date: | |
| | CURRICULI University-Wide | LIM PROPOSAL CO' Undergraduate Curri | /FB 01:= | tee |
| L Tr | tle/Author of Change | · | • | |
| De | ourse/Program Title: | Ourse Title: Dieter | Curriculum Lics | • |
| il. If | a course, is it being Pro | posed for: | | |
| · — | Course Revis Liberal Studie | ion/Approval Only ion/Approval and Lib is Approval Only (co the University Senate | urea araviaval | Approval y has been |
| III. Ap | provals | | | • |
| | Hans B Ste | iner Dag | mari B. | Stainer |
| eكلات | partment Curriculum Co | | nent Chairpers | ion |
| · M | Cary ann Clas | nal Han | 1101/ | ٠, ٠ |
| Co | llegé Curriculum Commi | ttee College | Dean * | U Card |
| Die | ector of Liberal Studies | | | |
| (wt | deter of Liberal Studies | Provost | (where applic | able) |
| · | *College Dean must | consult with Provos | t before con- | • |
| | curriculum changes. proposed change is that all requests for met, and that the preadministration. | Approval by College consistent with long resources made as | e Dean indications of the pro- | tes that the g documents, |
| IV. Tin | netable \ | • | • | |
| To 1 | | Semester to be mplemented: | Date to to published in Catalo | |
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Part II. Description of Curriculum Change

1. Catalog description for the revised program.

Dietetics

The dietetics program meets the didactic academic requirements approved by the American Dietetic Association. Students are prepared for careers in clinical dietetics, dietary food service management in health care facilities, administrative dietetics, and community nutrition. Other exciting career opportunities exist in the areas of technical sales, consumer education, government agencies, health and fitness centers, corporate wellness, and private practice.

Bachelor of Science - Dietetics

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

Mathematics: MA217 recommended Natural Science: CH101-102

Social Science: EC101, PC101, S0151

Liberal Studies electives: BE 101,CO101, or IM101, HE218 or

PC310, no courses with FN prefix

| Major: Required courses: | | 39 |
|---------------------------------------|-----|-----|
| FN110 Careers in Food and Nutrition | 1sh | |
| FN150 Foods Lecture | 3sh | |
| FN151 Foods Laboratory | lsh | |
| FN212 Nutrition | 3sh | |
| FN213 Life Cycle Nutrition | 3sh | |
| FN355 Nutrition in Disease I | 3sh | |
| FN362 Experimental Foods | 3sh | |
| FN364 Methods of Teaching | 3sh | |
| FN402 Community Nutrition | 3sh | |
| FN430 Professional Topics in Food | | |
| and Nutrition | 3sh | |
| FN455 Nutrition in Disease II | 3sh | |
| FN458 Advanced Human Nutrition | 3sh | |
| FN463 Nutrition Counseling | 3sh | |
| FN470 Human Food Consumption Patterns | 3sh | |
| FN484 Senior Seminar | 1sh | |
| Other Requirements: | | |
| Food Service Requirements: | | 12 |
| HR259 Hospitality Purchasing | 3sh | |
| HR313 Food Systems I | 4sh | |
| HR356 Human Resources in Hospitality | | |
| | 3sh | |
| HR408 Institutions Management | 3sh | |
| Additional Sciences: | | 14 |
| CH255 Biochemistry and Nutrition | 3sh | |
| BI105 Cell Biology | 4sh | |
| BI155 Human Physiology and Anatomy | 4sh | |
| BI232 Fundamentals of Microbiology | 3sh | |
| Electives (minimum) | | 4. |
| Total Minimum Degree Requirements: | | 124 |

2. Summary of Changes

Deletions: See Curriculum Deletion Proposal

Human Ecology Requirements 6 cr. (SEE HE 218 under additions)

FN 358 Food Service Equipment and Facilities
Design

3 cr.

Additions:

| | | Cell Biology Life Cycle Nutrition* | | | sh sh |
|----|-----|--|---|----|----------|
| FN | 430 | Professional Topics in Food and Nutrition* | | | sh |
| FN | 463 | Nutrition Counseling | | | sh |
| | | Human Food Consumption Patterns | | | sh |
| FN | 484 | Senior Seminar | | | sh |
| HR | 408 | Institutions Management | 3 | sh | ì |
| HE | 218 | Child Development or PC 310 Developmental Psychology as | | | |

*New courses with proposals attached

Liberal Studies Elective

Total Credit Requirement includes a minimum of 124 credits with a minimum of 4 credits of free electives. Students could elect to take additional elective classes.

Justifications

The American Dietetic Association surveys the professional competencies that are required for entry-level practice in dietetics. Based on this data, twenty-four knowledge requirements are identified as minimum criteria that must be met by an academic institution in order to be an academically approved program (see attachment 1, p.8).

3sh

The Department of Food and Nutrition submitted a self-study (3 volumes, 392 pages; a copy is available for review in 114 Ackerman) of our program to the American Dietetic Association July 1, 1991. From this review process, we identified the need to incorporate the above course requirements into our curriculum in order to meet the twenty four knowledge requirements.

Additional input was sought from IUP dietetics alumni (846 questionnaires sent; 360 returned) about the weaknesses and strengths of their academic preparation, as well as current and future needs of entry-level dietetic practitioners. Exit interviews were also conducted with graduating seniors. These

results were used to support the increased degree requirements. Prior to submission of the proposed curriculum to The American Dietetic Association, the curriculum was evaluated by the IUP dietetics program advisory board.

Attachment 2, pp. 9 - 13 identifies the IUP courses in the proposed curriculum that are necessary to meet the ADA knowledge requirements.

Our self study which included this new curriculum proposal was approved by the American Dietetic Association on December 13, 1991 (attachment 3, pp 14 - 15).

IUP has an excellent reputation for graduating quality dietetic professionals, who upon completion of their post graduate experience are eligible to take the registration examination to become Registered Dietitians. As a program, we must account for the percent of our graduates that pass this examination. Though our passage rate is higher than the national average (71.4 % IUP passing; national average 61.3 % passing), our goal is to strengthen our program. This proposed curriculum is designed to provide a superior academic program to ensure the continued quality of our graduates.

Each course in the proposed program was added to meet one or more of the ADA Knowledge Statements (see attachment 2) The FN faculty believes that the 39 credit major plus the additional requirements of four courses in the Hotel, Restaurant and Institutional Management Department and four natural science courses are necessary so that IUP dietetic graduates are competitive with graduates from other institutions. Approval of this curriculum by the American Dietetic Association is an absolute requirement in order that graduates may be eligible for clinical practice or eligible to take the registration examination.

| | | COURSE | KNO | WLEDGE STA | TEME | NT |
|----|-----|---|--------|------------|------|----|
| ΒI | 105 | Cell Biology* | | 1 | | |
| FN | 213 | Life Cycle Nutrition | | 6, 7 | | |
| FN | 430 | Professional Topics in Food and Nutri | tion | 21, 22, | 23 | |
| FN | 463 | Nutrition Counseling 3, 6, 10, | 12, 1 | 3, 15, 18, | 19. | 23 |
| FN | 470 | Human Food Consumption Patterns | • | 7, 8 | | |
| FN | 484 | Senior Seminar | | 9 | | |
| HR | 408 | Institutions Management** | 10, 14 | 4, 16, 17, | 18, | 22 |
| HE | 218 | Child Development or PC 310 Development | ntal 1 | Psychology | *** | |

*BI 105 was recommended by the Biology Department and their faculty who currently instruct our majors in BI 155. Since the curriculum committee for the Biology Department is in the process of revising this course for non-majors, we have met with the faculty and have found that their course meets the needs of our students. A support letter from Dr. Allen Andrew, Chairperson of Biology is attached (pp. 16 - 18).

**HR 408 has been an approved course substitution for dietetics majors by the American Dietetic Association for the past two years. As indicated above, this course contributes substantially to meeting six of the twenty four knowledge requirements. The instructor for the course served as our food service consultant during the self study process and supports this course for inclusion in the curriculum. A letter of support from Dr. Thomas Van Dyke, Chairperson of the Hotel, Restaurant, Institutional Management Department is also attached (p. 19).

216 .

***HE 218 or PC 310 does not address a specific knowledge requirement but is essential knowledge in infant, child and adolescent development that precedes an understanding of nutrition during the life cycle. Additionally, either of these courses prepares the student for understanding the stages of learning theories taught in FN 364. A letter of support from Dr. Linda Nelson, Chairperson of Home Economics Education is attached (p. 20).

Table 1 compares the current dietetic curriculum with the proposed dietetic curriculum (pp. 5-6)

Table 2 provides a curriculum sequence for the four academic years required to complete the program (p. 7)

Table 1

CURRENT DIETETICS CURRICULUM

PROPOSED DIETETICS CURRICULUM

| EN 107 College Writing 4 EN 107 College Writing 3 EN 202 Research Writing 3 EN 122 Introduction to Literature 3 EN 122 Introduction to Literature 3 EN 123 Introduction to Literature 3 EN 125 Introduction to Literature 3 EN 125 Introduction to Literature 3 EN 127 Philosphelist 3 EN 127 Philosphelist 3 EN 127 Philosphelist 3 EN 127 Philosphelist 3 EN 127 Probability and Statistics 3 EN 128 EN 12 | Learning Skills and Knowledge Courses | 22 Credits | Learning Skills and Knowledge Courses | 22 Credits |
|--|---------------------------------------|------------|---------------------------------------|--------------|
| EN 121 Introduction to Literature 3 HI 195 History: The Modern Era 1 History: The Modern Era 3 HI 195 History: The Modern Era 3 HI 195 History: The Modern Era 3 HI 1 | | 4 | EN 101 College Writing | 4 |
| EN 121 Introduction to Literature 3 HI 195 History: The Modern Ere 3 Thio/Rel St | | | EN 202 Research Writing | 3 |
| ## 195 #fatory: The Modern Era 3 Hi 195 #fatory: The Modern Era 3 5 5 5 5 5 5 5 5 5 | | 3 | EN 121 Introduction to Literature | |
| Philo/Rel St | | | | _ |
| Realth and Wellness 3 Fine Arts 3 | | · 3 | | _ |
| Realth and Wellness 3 Credits Realth and Wellness 1 1.5 RP 140 Health and Wellness 1 1.5 RP 141 Health and Wellness I 1.5 RP 141 Health and Wellness II 1.5 RP 141 Health and Wellness II 1.5 RP 143 Health and W | Fine Arts | 3 | Fine Arts | |
| IP 140 Health and Wellness I 1.5 IP 141 Health and Wellness I 1.5 IP 143 Health and Wellness I 1.5 IP 145 | | 3 | | |
| HP 140 Health and Wellness I 1.5 HP 141 Health and Wellness I 1.5 HP 143 Health and Wellness I 1.5 HP 143 Health and Wellness I 1.5 MR 145 Health and Wellness I 1.5 MR 146 Health and Wellness I 1.5 MR 147 Mealth and Wellness I 1.5 MR 148 MR 148 Mealth and Wellness I 1.5 MR 148 | Health and Wellness | 3 Credits | Health and Wellness | 3 Credits |
| HP 141 Health and Wellness II 1.5 HP 143 Health and Wellness II 1.5 RP 143 Health and Wellness 3 HP 143 Health and Wellness 3 OR RS 101 Hilitary Science 2 HS 101 Hilitary Science 2 RS 102 HIlitary Science 2 HS 101 Military Science 2 RS 102 HIlitary Science 2 HS 102 Military Science 2 Social Sciences 9 Credits Social Sciences 9 Credits EC 101 Basic Economics 3 EC 101 Basic Economics 3 FC 101 General Psychology 3 SO 151 Principles of Sociology 3 RUBBAN Ecology Requirements 6 Credits HR 259 Hospitality Purchasing 3 RE 218 Child Development OR HR 313 Food Systems I 4 RE 226 Marriage and Family Relations 3 KR 336 Ruman Resources in Hospitality RR 336 Ruman Resources in Hospitality RR 336 Ruman Resources in Hospitality RR 408 Institutions Management 3 Liberal Studies 12 Credits CO 101 Microbased Computer Literacy 3 L.S. Elective 3 HE 218 Child Development OR L.S. Elective 3 HE 218 Child Development OR PC 310 Development Psychology 3 Other Liberal Studies Requirements Ron-Western Culture course Writing Intensive Course (FN 362) Writing Intensive Course (FN 362) Writing Intensive Course (FN 362) | • | | <u> </u> | |
| OR HP 143 Health and Wellness 3 OR MS 101 Military Science 2 MS 102 Military Science 2 Social Sciences 9 Credits EC 101 Basic Economics 3 FC 101 General Psychology 3 So 151 Principles of Sociology 3 Military Science 9 Credits EC 101 Basic Economics 3 FC 101 General Psychology 3 So 151 Principles of Sociology 3 So 151 Principles of Sociology 3 So 151 Principles of Sociology 3 Military Science 9 Credits EC 101 Basic Economics 3 FC 101 General Psychology 3 So 151 Principles of Sociology 3 Military Science 9 Credits His 218 Child Development OR His 259 Mospitality Purchasing 3 His 218 Child Development OR His 35 Food Systems I Wanagement 3 His 218 Child Development OR His 35 Human Resources in Hospitality Management 3 His 218 Human Resources In Hospitality Management 3 His 408 Institutions Management 3 Liberal Studies Conjuter Literacy 3 L.S. Elective 3 His 218 Child Development OR His 250 His 218 Child Development OR Synthesis Course | . • | | | 1.5 |
| HP 143 Health and Wellness OR | <u> </u> | 1.5· | HP 141 Health and Wellness II | 1.5 |
| MS 101 Military Science 2 MS 101 Military Science 2 MS 102 Military Science 3 MILITARY Science 3 MILITARY Science 3 MILITARY Science 3 MILITARY Science 2 MS 102 Military Science 3 MILITARY Science 2 | | _ | | |
| MS 102 Military Science 2 MS 102 Military Science 2 Social Sciences 9 Credits EC 101 Basic Economics 3 EC 101 Basic Economics 3 PC 101 General Psychology 3 PC 101 General Psychology 3 SO 151 Principles of Sociology 3 SO 151 Principles of Sociology 3 Human Ecology Requirements 6 Credits Haman Ecology Requirements 73 12 Credits HE 218 Child Development OR HR 313 Food Systems I 4 HE 224 Marriage and Family Relations 3 WR 313 Food Systems I 4 HE 225 Home Equipment/Consumer Electronics OR ICS 315 Consumer Economics & Family Finance 3 Liberal Studies 12 Credits Liberal Studies 12 Credits CO 101 Microbased Computer Literacy 3 L.S. Elective 3 HE 218 Child Development OR Synthesis Course 3 Other Liberal Studies Requirements Hon-Western Culture course Writing Intensive Course (FN 362) | OR | 3 | | 3 |
| Social Sciences 9 Credits EC 101 Basic Economics 3 EC 101 Basic Economics 3 PC 101 General Psychology 3 PC 101 General Psychology 3 SO 151 Principles of Sociology 3 SO 151 Principles of Sociology 3 Human Ecology Requirements 6 Credits Human Ecology Requirements /3 12 Credits RR 259 Hospitality Purchasing 3 HR 218 Child Development OR HR 313 Food Systems I 4 HR 224 Marriage and Family Relations 3 RR 408 Institutions Management 3 ICS 101 Personal and Family Management OR ICS 213 Home Equipment/Consumer Electronics OR ICS 315 Consumer Economics & Family Finance 3 Liberal Studies 12 Credits CO 101 Microbased Computer Literacy 3 L.S. Elective 3 Lys. Elective 3 Synthesis Course 3 Cother Liberal Studies Requirements Hon-Western Culture course Writing Intensive Course (FN 362) | • | 2 | • | 2 |
| EC 101 Basic Economics 3 | MS-102 Military Science | 2 | MS 102 Military Science | 2 |
| EC 101 Basic Economics 3 PC 101 General Psychology 3 PC 101 General Studies Requirements Pon-Western Culture course Principles of Sociology 3 PC 101 General Psychology 3 PC 101 General Psychology 3 PC 101 General Studies Requirements Pon-Western Culture course Principles of Sociology 3 PC 101 General Psychology 3 PC 101 General Psycholo | Social Sciences | 9 Credits | Social Sciences | 9 Credits |
| PC 101 General Psychology 3 SO 151 Principles of Sociology 3 SO 15 | EC 101 Basic Economics | 3 | EC 101 Basic Economics | |
| SO 151 Principles of Sociology 3 Human Ecology Requirements 6 Credits Human Ecology Requirements /3 12 Credits HR 259 Hospitality Purchasing 3 HR 218 Child Development OR HR 313 Food Systems I 4 HE 224 Marriage and Family Relations 3 HR 356 Human Resources in Hospitality Management 3 HR 408 Institutions Management 3 Liberal Studies OR Liberal Studies 12 Credits Synthesis Course 3 Lise Elective 3 Lise Elective 3 Lise Elective 3 Lise Elective 3 Consumer Economics & Family Lise Elective 3 Lise Elective 3 Lise Elective 3 Consumer Economics & Family Lise Elective 3 Lise Elective 3 Consumer Economics & Family Lise Elective 3 Consumer Economics & Family Lise Elective 3 Lise Elective 3 Consumer Economics & Family Finance 3 Consumer Economics & Family HR 208 Institutions Management 13 HR 408 Institutions Management 18 | PC 101 General Psychology | 3 | | |
| HR 259 Hospitality Purchasing . 3 HR 313 Food Systems I . 4 HR 224 Marriage and Family Relations 3 HR 313 Food Systems I . 4 HR 259 Human Resources in Hospitality Management . 3 HR 356 Human Resources in Hospitality Management . 3 HR 408 Institutions Management . 4 HR 408 Institutions M | SO 151 Principles of Sociology | 3 | | |
| HE 218 Child Development OR | Human Ecology Requirements | 6 Credits | Ruman Ecology Requirements / | 3 12 Credits |
| HE 218 Child Development OR | - | | HR 259 Hospitality Purchasing . | 3 |
| Management 3 | HE 218 Child Development OR | | HR 313 Food Systems I | |
| CS 101 Personal and Family Management OR CS 213 Home Equipment/Consumer Electronics OR CS 315 Consumer Economics & Family Finance 3 Liberal Studies 12 Credits Liberal Studies 12 Credits CO 101 Microbased Computer Literacy 3 L.S. Elective 3 HE 218 Child Development OR PC 310 Developmental Psychology 3 L.S. Elective 3 PC 310 Developmental Psychology 3 L.S. Elective 3 Consumer Economics & Family Finance 3 L.S. Elective 3 HE 218 Child Development OR PC 310 Developmental Psychology 3 L.S. Elective 3 Consumer Literacy 3 Consumer Economics & Family 12 Credits 12 Credits 12 Credits 12 Credits 12 Credits 13 Consumer Literacy 3 L.S. Elective 3 Consumer Literacy 3 L.S. Elective 3 Consumer Economics 3 Consumer Literacy 3 Consumer Economics & Family 12 Credits 13 Consumer Literacy 3 L.S. Elective 3 Consumer Literacy 3 Consumer Literacy 3 L.S. Elective 3 Consumer Literacy 3 Consumer Literacy 3 L.S. Elective 3 Consumer Literacy 3 Consumer Literacy 3 L.S. Elective 3 Consumer Literacy 3 Consumer Literacy 3 Consumer Literacy 3 L.S. Elective 3 Consumer Literacy 3 Consumer Literacy 3 Consumer Literacy 3 L.S. Elective 3 Consumer Literacy | l. | 3 | • | |
| CS 101 Personal and Family Management OR CS 213 Home Equipment/Consumer Electronics OR CS 315 Consumer Economics & Family Finance 3 Liberal Studies 12 Credits CO 101 Microbased Computer Literacy 3 CO 101 Microbased Computer Literacy 3 L.S. Elective 3 HE 218 Child Development OR Synthesis Course 3 PC 310 Development OR Synthesis Course 3 Synthesis Course 3 Synthesis Course 3 CO 101 Microbased Computer Literacy 3 CO 101 Microbased Computer Literacy 3 CO 101 Microbased Computer Literacy 3 L.S. Elective CO 101 Microbased Computer Literacy CO 101 Microb | | | <u> </u> | |
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| Electronics OR CS 315 Consumer Economics & Family Finance 3 Liberal Studies 12 Credits Liberal Studies 12 Credits CO 101 Microbased Computer Literacy 3 CO 101 Microbased Computer Literacy 3 L.S. Elective 3 HE 218 Child Development OR Synthesis Course 3 PC 310 Developmental Psychology 3 L.S. Elective 3 Synthesis Course 3 Other Liberal Studies Requirements Hon-Western Culture course Writing Intensive Course (FN 362) | , | | | |
| CCS 315 Consumer Economics & Family Finance 3 | II. | ne . | | |
| Liberal Studies 12 Credits Liberal Studies 12 Credits CO 101 Microbased Computer Literacy 3 CO 101 Microbased Computer Literacy 3 L.S. Elective | | • | | |
| Liberal Studies 12 Credits Liberal Studies 12 Credits CO 101 Microbased Computer Literacy 3 CO 101 Microbased Computer Literacy 3 L.S. Elective 3 HE 218 Child Development OR Synthesis Course 3 PC 310 Developmental Psychology 3 L.S. Elective 3 Synthesis Course 3 Other Liberal Studies Requirements Hon-Western Culture course Whriting Intensive Course (FN 362) | | 3 | | |
| CO 101 Microbased Computer Literacy 3 L.S. Elective 3 Synthesis Course 3 CO 101 Microbased Computer Literacy 3 LECTIVE 3 LECTIVE 3 Synthesis Course 3 Other Liberal Studies Requirements Non-Western Culture course 4 Writing Intensive Course (FN 362) | _ | • | • | |
| CO 101 Microbased Computer Literacy 3 L.S. Elective | Liberal Studies | 12 Credits | Liberal Studies | 12 Credits |
| L.S. Elective | CO 101 Microbased Computer Literacy | 3 | CO 101 Microbased Computer Literacy | |
| Synthesis Course 3 HE 218 Child Development OR PC 310 Developmental Psychology 3 L.S. Elective 3 Synthesis Course 3 Other Liberal Studies Requirements He 218 Child Development OR PC 310 Developmental Psychology 3 L.S. Elective 3 Synthesis Course 3 Other Liberal Studies Requirements Hon-Western Culture course Writing Intensive Course (FN 362) Writing Intensive Course (FN 362) | L.S. Elective | 3 | | |
| Synthesis Course | | 3 | HE 218 Child Development OR | |
| Converten L.S. Elective Synthesis Course Other Liberal Studies Requirements Non-Western Culture course Writing Intensive Course (FN 362) Writing Intensive Course (FN 362) | Synthesis Course | 3 | • | 3 |
| Other Liberal Studies Requirements Non-Western Culture course Writing Intensive Course (FN 362) Other Liberal Studies Requirements Non-Western Culture course Writing Intensive Course (FN 362) | | | | 7 |
| Other Liberal Studies Requirements Non-Western Culture course Writing Intensive Course (FN 362) Other Liberal Studies Requirements Non-Western Culture course Writing Intensive Course (FN 362) | | | Symthesis Course | _ |
| Hon-Western Culture course Non-Western Culture course Writing Intensive Course (FN 362) | | | synthesis course | 3 |
| Writing Intensive Course (FN 362) | Other Liberal Studies Requirements | | Other Liberal Studies Requirements | |
| Writing Intensive Course (FN 362) Writing Intensive Course (FN 362) Writing Intensive Course | Non-Western Culture course | | Non-Western Culture course | |
| Writing Intensive Course | 1 - | | @Writing Intensive Course (FN 362) | |
| | Writing Intensive Course | | Writing Intensive Course | |

Table 1 (Continued)

CURRENT DIETETICS CURRICULUM

PROPOSED DIETETICS CURRICULUM

| 1 | Natural | Sciences | 18 Credits | Matural | Sciences | 22 0 |
|---|----------|--------------------------------|--------------|---|-------------------------------|------------|
| | CH 101 | College Chemistry I | 4 | CH 101 | College Chemistry I | 22 Credits |
| 1 | CH 102 | College Chemistry II | 4 | CH 102 | College Chemistry II | 4 |
| | CH 255 | Biochemistry and Nutrition | 3 | CH 255 | Biochemistry and Nutrition | 4 |
| ļ | BI 155 | Kuman Physiology and Anatomy | 4 | BI 105 | Cell Biology | 5 |
| | BI 232 | Fundamentals of Microbiology | 3 | ând BI 155 | | 4 |
| | | | • | . • • • • • • • • • • • • • • • • • • • | Human Physiology and Anatomy | 4 |
| i | | | | B1 232 | Fundamentals of Microbiology | 3 |
| | Major C | ourses . | 39 Credits | Major C | Durses | 39 Credits |
| | FN 110 | Careers in Food and Nutrition | 1 | FN 110 | Careers in Food and Nutrition | 1 |
| 1 | FN 150 | Foods Lecture | 3 | FN 150 | Foods Lecture | · 3 |
| | FN 151 | Foods Laboratory | 1 | FN 151 | Foods Laboratory | 1 |
| | FN 212 | Nutrition | 3 | FN 212 | Nutrition | 3 |
| | FN 355 | Nutrition in Disease I | 3 | FN 213 | Life Cycle Nutrition | 3 |
| | FN 362 | Experimental Foods | 3 | FN 355 | Nutrition in Disease I | 3 |
| | FN. 364 | Methods of Teaching | 3 | · UFN 362 | Experimental Foods | 3 |
| | FN 402 | Community Mutrition | 3 | FN 364 | Methods of Teaching | 3 |
| | FN: 455 | Nutrition in Diseases II | 3 | FN 402 | • | 3 |
| | FN 458 | Advanced Human Nutrition | 3 | → FN 430 | Professional Topics in | • |
| | (HR 259 | Hospitality Purchasing. | 3 · | | Food and Nutrition | 3 |
| | HR 313 | Food Systems I | 4 i | FN 455 | Nutrition in Diseases II | 3 |
| | HR 356 | Human Resources in Hospitality | y . | FN 458 | Advanced Human Nutrition | 3 |
| A | | Management | 3 | ∙—) FN 463 | Nutrition Counseling . | 3 |
| | HR 408 | Institutions Management | 3 | → FN 470 | | 3 |
| | • | | | →) FN 484 | Senior Seminar | 1 |
| | Elective | es . 1 | 5-16 Credits | Elective | 15 | 4 Credits |

TOTAL CREDITS FOR GRADUATION (124)

TOTAL CREDITS FOR GRADUATION (124)

SEQUENCE OF DIETETIC CURRICULUM

| | • | | | |
|----------|--|-------------|----------------------------------|----|
| CH 1 | 01 College Chemistry I | 4 | CH 102 College Chemistry II | 4 |
| HI 1 | 95 History: The Modern Era | 3 | | 3 |
| FN 1 | 10 Careers in Food and | | | 3 |
| | Nutrition | 1 | | 1 |
| PC 1 | 01 General Psychology | 3 | EN 101 College Writing | 4 |
| SO 1. | 51 Principles of Sociology | 3 | 7775 | 1. |
| HP 1 | 40 Health & Wellness I | 1.5 | • | |
| Tota | l Credit Hours <u>32</u> | | | |
| Seco | nd Year | | | |
| BI 10 | 05 Cell Biology | 4 | BI 155 Human Physiol & Anatomy | 4 |
| | 59 Hospitality Purchasing | 3 | FN 212 Nutrition | 7 |
| EN 20 | 02 Research Writing | | EN 121 Intro. to Literature | 3 |
| | Ol Micro Computer Literacy | | MA 217 Probability & Statistics | 3 |
| HE 2: | 18 Child Development OR | | Humanities: Philos/Rel Studies | 3 |
| PC 3: | 10 Developmental Psychology | 3 | | Ī |
| Total | l Credit Hours <u>32</u> | | | |
| | | | | |
| Thir | i Year | | | |
| BI 23 | 32 Fund. of Microbiology | 3 | CH 255 Biochemistry & Nutrition | 3 |
| | 55 Nutrition in Disease I | 3 | FN 455 Nutrition in Disease II | 3 |
| FN 36 | 64 Methods of Teaching | 3 | FN 362 Experimental Foods | 3 |
| HR 33 | L3 Food Systems I | 4 | HR 356 Human Resources in Hosp | 3 |
| FN 21 | 13 Life Cycle Nutrition | 3 | Non-western Cultures Course (LS) | |
| Total | Credit Hours 31 | | | |
| | | | | |
| | th Year 58 Advanced Human Nutrition | 3 | FN 402 Community Nutrition | 3 |
| l | Ol Basic Economics | 3 | FN 463 Nutrition Counseling | 3 |
| 1 | 08 Institutions Management | 3 | FN 470 Human Food Consumption | • |
| i . | 30 Professional Topics in | | Patterns | 3 |
| | Food and Nutrition | 3 | Synthesis Course | 3 |
| FN 48 | 34 Senior Seminar | 1 | Free Electives | 4 |
| <u>1</u> | l Credit Hours <u>29</u> | | | |



THE AMERICAN DIETETIC ASSOCIATION KNOWLEDGE AND PERFORMANCE REQUIREMENTS FOR ENTRY-LEVEL DIETITIANS

Individuals interested in becoming Registered Dietitians should expect to study a wide variety of topics focusing on food, nutrition, and management. These areas are supported by the sciences: physical and biological, behavioral and social, and communication. Becoming a dietitian involves a combination of academic preparation culminating in a minimum of a baccalaureate degree and an experience component.

The following list of knowledge requirements are the areas that students will focus on in the academic component of a dietetics program. These requirements may be met through separate courses, combined into one course, or as part of several courses as determined by the college or university sponsoring an ADA-accredited or approved program.

Knowledge Requirements for Entry-Level Dietitians

- 1. Knows principles of effective oral and written communication and documentation.
- Knows fundamentals of human relations and group dynamics.
- 3. Knows techniques of interviewing and counseling.
- 4. Knows principles of education and effective methods of teaching.
- 5. Knows use of computers for data processing and information management in dietetics.
- 6. Knows basic concepts of research methodology and statistical analysis.
- 7. Knows fundamentals of quality assurance.
- 8. Knows laws, regulations, and standards affecting dietetic practice.
- 9. knows principles of human anatomy and physiology, microbiology, organic chemistry, and biochemistry.
- 10. Knows principles of behavioral and social sciences.
- 11. Knows the physiological, biochemical, and behavioral bases for nutrition intervention in health and disease.
- 12. Knows the influence of socioeconomic, cultural, and psychological factors on food and nutrition behavior.
- 13. Knows energy and nutrient needs for various stages of the life cycle.
- 14. Knows principles of food science and techniques of food preparation.
- 15. Knows nutrient composition of food and appropriate sources of data.
- 16. Knows principles of menu planning for optimal nutrition of individuals and groups in health and disease.
- 17. Knows principles of nutrition screening, assessment, planning, intervention, evaluation, and documentation.
- 18. Knows resources for delivery of nutrition care in community programs.
- 19. Knows principles of procurement, food production, distribution, and service.
- 20. Knows fundamentals and techniques of financial management.
- 21. Knows principles of organization and management.
- 22. Knows principles and techniques of human resource management.
- 23. Knows fundamentals of marketing food and nutrition services.
- 24. Knows fundamentals of the political and legislative process.

| KNO | KNOWLEDGE REQUIREMENTS FOR ENTRY-LEVEL DIETITIANS: | For Plan V | ηV | Form 8a |
|------|---|--|---|----------------------|
| Know | Knowledge Requirements | Course | Course Number and Title | Other Experiences |
| 4 | Knows principles of human anatomy and physiology, microbiology, and biochemistry. | BI 105 BI 155 BI 232 CH 101 CH 102 CH 255 FN 458 | Cell Biology Human Physiology and Anatomy Fundamentals of Microbiology College Chemistry I (Inorganic) College Chemistry II (Organic) Biochemistry and Nutrition Advanced Human Nutrition | Not Applicable |
| 2. | Knows scientific principles of human nutrition in health and disease. | FN 212 FN 355 FN 455 FN 458 | Nutrition Nutrition in Disease I Nutrition in Disease II Advanced Human Nutrition | Not Applicable |
| ۳. | Knows nutrient composition of food and appropriate sources of data. | FN 150 FN 151 FN 212 FN 355 FN 455 FN 463 | Foods Lecture Foods Laboratory Nutrition Nutrition in Disease I Nutrition in Disease II | Not Applicable |
| 4. | Knows principles of food science and techniques of food preparation. | FN 150 FN 151 FN 362 HR 313 | Foods Lecture Foods Laboratory Experimental Foods Food Systems I | Not Applicable |

| lwor | Knowledge Requirements | Course | Course Number and Title | Other Experiences |
|------|---|--|---|----------------------|
| | Knows principles of menu planning for optimal nutrition of individuals and groups in health and disease. | FN 150 FN 151 FN 355 FN 455 HR 259 HR 313 | Foods Lecture Foods Laboratory Nutrition in Disease I Nutrition in Disease II Hospitality Purchasing Foods Systems I | Not Applicable |
| · • | Knows principles of behavioral and social sciences. | FN 213 FN 463 SO 151 PC 101 | Life Cycle Nutrition** Nutrition Counseling Principles of Sociology General Psychology | Not Applicable |
| | Knows the influence of socioeconomic, cultural, and psychological factors on food and nutrition behavior.FN 212 | FN 213 FN 402 FN 470 PC 101 SO 151 | Life Cycle Nutrition** Community Nutrition Human Food Consumption Patterns General Psychology Principles of Sociology | Not Applicable |
| | Knows fundamentals of nutrition care delivery in community programs. | FN 402 FN 470 | Community Nutrition Human Food Consumption Patterns | Not Applicable |

| lowl | Knowledge Requirements | Course | Course Number and Title | Other Experiences |
|------|---|--|---|----------------------|
| 6 | Knows principles of effective communication and documentation. | EN 101 EN 102 FN 355 FN 362 FN 364 FN 484 | College Writing Research Writing Nutrition in Disease I Experimental Foods Methods of Teaching Senior Seminar Human Resources in the Hospitality Industry | Not Applicable |
| 10. | Knows use of computers for data processing and information management in dietetics. | CO 101 FN 212 FN 463 HR 259 HR 408 | Microbased Computer Literacy Nutrition Nutrition Counseling Hospitality Purchasing Institutions Management | Not . Applicable |
|] ;; | Knows basic concepts of research methodology and statistical analysis. | FN 362 FN 458 MA 217 | Experimental Foods Advanced Human Nutrition Probability and Statistics | Not Applicable |
| 12. | Knows principles of education and effective methods of teaching. | FN 364 FN 463 | Methods of Teaching Nutrition Counseling | Not Applicable |
| 13. | Knows techniques of interviewing and counseling. | FN 355 FN 463 | Nutrition in Disease I Nutrition Counseling | Not Applicable |
| 14. | Knows principles of organization and management. | HR 356 . HR 408 | Human Resources in the Hospitality Industry Institutions Management | Not Applicable |

| Know | Knowledge Requirements | Course | Course Number and Title | Other Experiences |
|------|---|--|---|----------------------|
| 15. | Knows fundamentals of human relations and group dynamics. | FN 364 FN 463 HR 356 PC 101 SO 151 | Methods of Teaching Nutrition Counseling Human Resources in the Hospitality Industry General Psychology Principles of Sociology | Not Applicable |
| 16. | Knows fundamentals and techniques of financial management. | HR 259 HR 313 HR 408 EC 101 | Hospitality Purchasing Food Systems I Institutions Management Basic Economics | Not Applicable |
| 17. | Knows principles and techniques of human resource management. | HR 313 HR 356 HR 408 | Foods Systems I Human Resources in the Hospitality Industry Institutions Management | Not Applicable |
| 18. | Knows fundamentals of quality assurance. | FN 355 FN 402 FN 455 FN 463 HR 259 HR 313 | Nutrition in Disease I Community Nutrition Nutrition in Disease II Nutrition Counseling Hospitality Purchasing Food Systems I Institutions Management | Not Applicable |
| 19. | Knows principles of nutrition assessment, planning, intervention, and evaluation. | FN 355 FN 402 FN 455 FN 463 | Nutrition in Disease I Community Nutrition Nutrition in Disease II Nutrition Gounseling | Not Applicable |

| Know | Knowledge Requirements | Course | Course Number and Title | Other Experiences |
|-------|--|--|---|----------------------|
| 20. | Knows the principles of procurement, food production, distribution, and service. | FN 150 FN 151 HR 259 HR 313 | Foods Lecture Foods Laboratory Hospitality Purchasing Food Systems I | Not Applicable |
| 21. | Knows the fundamentals of the political and legislative process. | FN 110 FN 402 FN 430 HR 259 | Careers in Food and Nutrition Community Nutrition Professional Topics in Food and Nutrition** Hospitality Purchasing | Not Applicable |
| 22. | Knows laws, regulations, and standards affecting dietetic practice. | FN 110 FN 402 FN 430 HR 259 HR 313 HR 408 | Careers in Food and Nutrition Community Nutrition Professional Topics in Food and Nutrition** Hospitality Purchasing Food Systems I Institutions Management | Not Applicable |
| 23. | Knows fundamentals of merchandising and promoting food and nutrition services. | EC 101 FN 402 FN 430 FN 463 HR 313 HR 408 | Basic Economics Community Nutrition Professional Topics in Food and Nutrition** Nutrition Counseling Food Systems I Institutions Management | Not Applicable |
| 24. | Knows nutrient needs for various stages of the life cycle. | FN 212 FN 213 | Nutrition Life Cycle Nutrition | Not Applicable |
| **New | **New course proposed. | | | |

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CERTIFIED

December 13, 1991

Joanne B. Steiner, PhD, RD Director, Didactic Program in Dietetics Indiana University of Pennsylvania Department of Food and Nutrition 114 Ackerman Hall Indiana. PA 15705

Dear Dr. Steiner:

This letter is to advise you of the action of the Council on Education Division of Education Accreditation/Approval of The American Dietetic Association regarding the Didactic Program in Dietetics at Indiana University of Pennsylvania. During its December 5-6, 1991 meeting, the Division voted to grant Approval to the Program for a period of ten years.

A peer review of the self-study application, however, indicates insufficient information about the following Criterion. An interim report clarifying documentation of this Criterion is requested. Three copies of the report must be submitted postmarked no later than March 1, 1992.

Criterion:

2.2 A current and accurate description of the Program shall be available to students and shall include goals and/or objectives of the Program. The "Handbook for Undergraduate Food and Nutrition Majors" includes the mission statement but does not include goals of the Program. Clarify that this information is included in materials available to students. Draft materials are acceptable.

The Program Evaluation Document will be due at the five-year interval of the ten-year approval period. The ADA Department of Education will provide further information and notify the Program approximately one year-prior to the submission date in 1996.

Joanne B. Steiner, PhD, RD December 13, 1991 Page 2 of 2.

A new self-study is to be submitted to the COE Division of Education Accreditation/Approval for review in July 2001. If major changes occur in the Program, you must submit the changes in writing to the Division for review. The Division maintains the right to require an interim report or a self-study as a result of these changes.

The Division encourages the Program to continue its efforts in providing quality dietetic education. If you have any questions, please contact the Department of Education of The American Dietetic Association.

Sincerely,

Manily J. Luces

Marilyn J. Lucas, MS, EdS, RD Chairman COE Division of Education Accreditation/Approval

MLJ/Im

cc: Dr. Charles Fuget
Dr. Hilda Richards
Dr. Harold Wingard
Division and Review Panel Members



Indiana, Pennsylvania 15705

February 20, 1992

T0:

Joanne Steiner, Chair Food and Nutrition Department

FROM:

A.T. Andrew, Chair Biology Department

RE:

Inclusion of Cell Biology for Dietetics Majors

Allon andrew

The Biology Department supports the inclusion of BI 105, Cell Biology, as part of your program in Dietetics. We will be able to accommodate the number of students you anticipate will enroll in the course.

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1.17.

Indiana University of Pennsylvania Department of Food and Nutrition

Date: February 11, 1992

Subject: Cell Biology

To: Bill Dietrich
Jerry Pickering

From: Joanne B. Steiner, Ph.D., R.D.

Chairperson

Food and Nutrition

First, I want to thank both of you for the time spent with Rita and me reviewing your course proposal. We are very enthusiastic about the approach that you are taking with the nonmajors class. I am enclosing a response in support of that course for your curriculum committee indicating that in our evaluation, the course would be appropriate and desireable for the dietetic major. Additionally, I have sent a memo to Al Andrews for his commitment of your department to the dietetic major. Enclosed is a copy for your records.

Thank you for all of your efforts.

Indiana University of Pennsylvania Department of Food and Nutrition

Date: February 11, 1992

Subject: BI 105 Cell Biology

To: Biology Curriculum Committee

From: Joanne B. Steiner, Ph.D., R.D.

Chairperson

Food and Nutrition

This memo is in support of the proposed nonmajors cell biology course. Rita Johnson and I have reviewed the course outline. Additionally, we have met with William Dietrich and Jerry Pickering on the potential for this course to meet the needs of dietetic majors in the Food and Nutrition Department. We found the course outline and the suggested application topics and issues to be most appropriate for our majors. We are eager for our students to enroll as we believe that the class would provide a much needed foundation of knowledge that currently is lacking in their academic preparation.

Indiana University of Pennsylvania Department of Food and Nutrition

Date: February 19, 1992

Subject: Dietetic Curriculum Revisions

To: Thomas Van Dyke Ph.D.

Chairperson

HRIM

From: Joanne B. Steiner, Ph.D., R.D.

Chairperson

Food and Nutrition

We are proposing to the Senate curriculum committee that HR 358 Food Service Equipment and Facilities Design be deleted from the dietetic curriculum. We are requesting that it be replaced with HR 408 Institutions Management so that our program will meet approval by the American Dietetic Association. This should create only a minor enrollment change since most dietetic majors have been substituting HR 408 for HR 358 for the past two years. Donna Cauffiel served as your department representative on our self-study and she fully supports this recommendation.

I need a statement from you concerning this curriculum change. I apologize for the short notice but could I have this memo no later than Friday, February 21. Thank you so much.

In par charge har grande

Indiana University of Pennsylvania Department of Food and Nutrition

Date: February 18, 1992

Subject: Dietetic Curriculum Revisions

To: Linda Nelson

From: Joanne B. Steiner, Ph.D., R.D.

Chairperson

Food and Nutrition

We are proposing to the Senate curriculum committee that the Human Ecology Core be deleted from our curriculum in order to add several new courses so that our program will meet approval by the American Dietetic Association. Instead, we are requesting that HE 218 Child Development or PC 310 Developmental Psychology be required as a designated liberal studies elective.

I need a statement from you concerning this deletion. I apologize for the short notice but could I have this memo no later than Thursday, February 20. Thank you so much.

The House was abjective to have a final a ria of