

VIII School of Education

Patricia F. First, Dean

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In conformity with the University's purposes, the School of Education endeavors to foster both the development of those general capacities of the students which flow directly from their human nature and the development of those particular capacities which enable them to become effective practitioners in the field of professional education.

The general capacities of the students are developed through a broad and sound general education. It acquaints them with the major areas of knowledge and provides planned opportunities for personal, social, and ethical development.

The particular concern of the School is the professional preparation of teachers for the elementary and secondary schools. Provisions for professional competence are made through (1) comprehensive study of specialized teaching fields, (2) thorough study of the professional foundations common to all teaching, (3) specialized study of the principles underlying a particular type and level of teaching, and (4) appropriate field-based experiences.

Students in the School of Education should appraise their commitment to teaching according to their development in specific knowledge, skills, attitudes, and values:

Knowledge: Students will demonstrate their knowledge of the teaching and learning process; of human nature and of human development, particularly in educational settings; of the means and ends of education; of the subjects they wish to teach; and of the special needs of students of minority groups, and students with disabilities.

Skills: Students will be able to assess pupil needs, interests, and level of understanding; to formulate learning objectives; to select appropriate learning content, materials, and activities; to facilitate learning activities and provide effective learning environments; to evaluate pupil progress and provide for self-evaluation by pupils; to assess their own teaching competencies and the effect these have on pupil learning; to foster tolerance and fairness in human relations; and to apply theory to practice in planned and supervised field experiences. Demonstrated competencies are essential in meeting the special needs of minority students and students with disabilities.

Attitudes: Students will seek self-development; accept others; trust, be open to and help others; and be enthusiastic for inquiry, experimentation, and discovery.

Values: Students will be committed to education for the betterment of others and society; to the Judeo-Christian principles that refer to a shared common humanity, the dignity of the person, the use of reason, and cooperation in seeking the common good and social justice; to the democratic principles; to a humanistic approach to learning; and to the Marianist tradition in education.

DEGREE REQUIREMENTS

In this chapter are described specific four-year course requirements for certification in kindergarten-primary, elementary, and secondary teaching, education of the handicapped, and special (art, foreign language, physical education, health education) teaching. All of these programs lead to the same degree—Bachelor of Science in Education (B.S. in Ed.). Several teaching endorsements and validations may also be obtained.

The departments have an extensive screening process for students in the first two years of the program. By the end of the first year, all students should have taken and passed the P.P.S.T. (Praxis I) Pre-professional Skills test. At the end of their sophomore year, all students are required to apply for formal admission to the certification program. At this point their work is reviewed by a faculty committee to determine the extent to which their personal traits, academic work, etc. point toward the likelihood of their success as professional teachers. Admission requires a GPA of 2.5 and the passing of the P.P.S.T.

The responsibility for meeting the University and state requirements rests with the student. The student is cautioned to study the course requirements and to keep accurate count of the semester hours applicable to graduation. Students planning to teach in states other than Ohio should fulfill University requirements as well as those of the state in which they desire to teach.

Requirements for graduation and teacher certification are the following:

1. Evidence of such general scholarship and personal and moral qualities as give promise of professional success. All students enrolled in programs leading to State of Ohio certification must verify that they are of "good moral character," and be finger printed. (Consult Education Office C104.) Pursuant to School of Education policy, these students must complete the appropriate forms provided by the Office of the Dean. All students will be notified regarding this necessary procedure.
2. Evidence of participation in a variety of planned clinical and field experiences essential to the development of the resourcefulness needed by teachers.
3. Successful completion of a minimum of 124 semester hours in approved courses; some programs may require more than 124 semester hours.
4. An overall cumulative point average of at least 2.5 (C) and a cumulative point average of at least 2.5 for the professional education courses and for each teaching field in which certification is sought. Courses in professional education and in the teaching fields must be taken under grading option 1.
5. Successful completion of the following professional education sequence:

	<i>Semester Hours</i>
A. Personal and Professional Development of the Teacher	3
B. Child and Adolescent in Education	3
C. Teaching and Learning	3
D. Teaching in the Elementary School or School, Self, and Society	3
E. Mainstreaming or Human Relations	2-4
F. Special Methods ¹	varies
G. Philosophy of Education	3
H. Student Teaching	12

¹Each program has one or more methods courses; see specific programs.

With the possible exception of A, B, and C, all courses in the above sequence must be taken at the University of Dayton. Transfer credits from other institutions normally are not accepted in substitution for courses D through G, and never accepted for student teaching.

6. Completion of University requirements in General Education and basic skills. Students should see Chapter V and consult with their advisors.
7. A passing score on the Praxis I, Preprofessional Skills Test (PPST), which must be taken no later than the second term of the first year.
8. A passing score on an exit examination, Praxis II (NTE, National Teachers Exam) mandated by the State Board of Education. Students should consult the Education Office (C-104) for dates on which the examination will be administered.

ADVISING AND SCHEDULING

All first-year education students are assigned faculty advisors from the departments in which they are enrolled. Scheduling for classes is completed through the departmental offices/advisors.

UNIVERSITY POLICIES

Students are reminded to refer to pertinent sections of this *Bulletin* and the *Student Handbook* for all policies to which they are subject.

STUDENT TEACHING

Student teaching, which consists of actual classroom teaching under competent supervision, involves full-day sessions for approximately one semester. During the semester of student teaching, the student is not ordinarily permitted to carry more than three semester hours of additional course work. These additional semester hours are scheduled outside the normal school day in order to keep the student-teaching experience intact for the full school day. Students should make financial arrangements such that they need not continue with part-time employment during this semester. The faculty of the School of Education screen each candidate who applies for student teaching on the basis of the following factors: (1) skill in oral and written communication, (2) an overall quality-point average in course work of at least 2.5, (3) physical and emotional fitness, (4) desirable personal and moral traits, (5) completion of the prerequisite courses and field and clinical experiences.

Prerequisites for candidacy for student teaching are (1) official enrollment in a teacher education program at the University, (2) prospective completion of the minimum residence requirement of thirty semester hours inclusive of student teaching, (3) formal application for processing by the screening committee to whom application must be submitted a term in advance of student teaching. (Application blanks may be secured from the department offices, C-114 and FC-40.) The campus supervisors have direct charge of the student teaching experience.

Once a week throughout the term a student teaching seminar is held on campus. Once students have been approved and placed for student teaching, they may not withdraw from the program except with the approval of the department chairperson. A student who withdraws without this approval forfeits future placement in student teaching.

TEACHER PLACEMENT

Students who qualify for teacher certification through the School of Education are aided in securing teaching positions by the School's placement service in Chaminade Hall, Room C-226. Placement requires cooperation from the candidate

in filling out the necessary papers and in submitting recommendations. Dates for interviews with prospective employers arranged by the Office of Educational Placement Services are announced in advance.

TEACHER CERTIFICATION

The School of Education programs are approved by the State Department of Education and accredited by the National Council for Accreditation of Teacher Education. Ordinarily, Ohio certificates are recognized by other states. Students are encouraged to check certification requirements for states in which they are seeking positions.

In addition to preparing properly certified elementary and secondary teachers, the School also enables students to qualify for kindergarten-primary certification and for special certification in art, foreign language, physical education, health education, music, and the teaching of the handicapped in three fields: specific learning disabled, developmentally handicapped, and multihandicapped. Endorsements and validations are available for adapted physical education, driver education, pre-kindergarten, reading, and typing/keyboarding.

ATHLETIC TRAINING CERTIFICATION

The Department of Health and Sport Science offers the State Curriculum which enables a student to meet the State of Ohio Licensure and National Athletic Training Association (NATA) certification requirements upon completion. The University of Dayton Certificate curriculum is open to any student in the School of Education. This program consists of 45 semester hours of classroom work and 1500 supervised internship clock hours. Students complete 1000 clock hours in a traditional athletic setting and the remaining 500 clock hours in an allied clinical setting. This program is designed to give the student a variety of clinical experiences with team physicians, physical therapists, hospitals, and high school athletic programs. Upon completion of the State Certification curriculum, a student must pass the State of Ohio examination and N.A.T.A. certification examination in order to practice in the State of Ohio. See HSS.

INTERSCHOLASTIC COACHING CERTIFICATION

The Certification of Interscholastic Coaches program may be pursued by any student in the School of Education.

BACCALAUREATE PROGRAMS

The School of Education offers and administers nine basic programs leading to the baccalaureate degree. (Six of these are outlined and their requirements and options discussed in detail later in this chapter under code designations of course subject matter—for example, EDT signifies Teacher Education.) These are as follows:

PROGRAM E1:	ELEMENTARY EDUCATION, grades 1-8
PROGRAM E1A:	ELEMENTARY EDUCATION AND EDUCATION OF THE HANDICAPPED
PROGRAM E2:	SECONDARY EDUCATION, grades 7-12

School of Education

- PROGRAM E3: PHYSICAL EDUCATION K-12
E3A: PHYSICAL EDUCATION 7-12
See HSS.
- PROGRAM E4: HEALTH EDUCATION K-12
E4A: HEALTH INFORMATION SPECIALIST
- PROGRAM E6: SPECIAL, grades K-12
E6A: VISUAL ART
See EDT. See also VAR, Chapter VI.
- E6B: FOREIGN LANGUAGE
- PROGRAM E7: KINDERGARTEN-PRIMARY, grades K-3
(This program is available separately and in combination with Program E1, Elementary Education. Combined programs may require more than four years to complete.)
- PROGRAM E8: EXERCISE SCIENCE AND FITNESS MANAGEMENT
See HSS.
- E8A: EXERCISE SCIENCE AND PRE-PHYSICAL THERAPY.
See HSS.
- PROGRAM E9: SPORT MANAGEMENT
See HSS.
- PROGRAM E10: EDUCATION OF THE HANDICAPPED, grades K-12
(This program is available separately and in combination with Program E1, Elementary Education. Combined programs will require more than four years to complete.)
- E10A: SPECIFIC LEARNING DISABLED
E10B: DEVELOPMENTALLY HANDICAPPED
E10C: MULTIHANDICAPPED
- PROGRAM E11A: TEACHER CERTIFICATION for students in the College of Arts and Sciences
E11B: TEACHER CERTIFICATION for students in the School of Business Administration
See EDT. See also EDT, Chapters VI and VII.
- PROGRAM E12: FOOD AND NUTRITION, Option 1—Didactic Program in Dietetics
E12A: FOOD AND NUTRITION, Option 2 — Nutrition

NOTE: All certification programs and teaching fields described in this chapter are subject to approval by the Ohio Department of Education under the certification standards effective July 1, 1987.

GRADUATE PROGRAMS

For in-service teachers, the School of Education offers six graduate programs leading to the Master of Science in Education or Master of Science in Physical Education; these are designed to prepare master secondary teachers, master elementary teachers, school counselors, school psychologists, school social workers, social agency counselors, college student personnel professionals and school administrators. The degrees Educational Specialist and Doctor of Philosophy in Educational Leadership are also offered. For nonprofessional degree holders who are interested in becoming certified teachers, the Department of Teacher Education offers graduate programs leading to various certifications. For in-service teachers who wish to retrain for certification in other areas, the Department of Teacher Education offers a variety of programs. (For details on the graduate programs request a copy of the Graduate Issue of the *University of Dayton Bulletin*.)

HSS

HEALTH AND SPORT SCIENCE (HSS)

The mission of the Department of Health and Sport Science is to prepare students to be proficient and professional in a vocation encompassing the health and physical fitness needs of both youths and adults. The department prepares health and physical education teachers, school nurse educators, coaches, and athletic trainers to meet the needs of public and private schools. It also prepares exercise science and fitness management specialists for careers in corporate, industrial, hospital, and university wellness programs. Students also have the opportunity to pursue a degree in exercise science with an emphasis in pre-physical therapy. A health information specialist program is offered for students interested in working with health agencies. An interdisciplinary sport management program prepares students for professional opportunities in private sports clubs, health clubs, sports organizations and federations, and various other aspects of sports and recreation. A 2.5 G.P.A. is required to enter any program within the department.

PROGRAM E3: PHYSICAL EDUCATION (EDP) K-12

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>Semester Hours</i>	
			<i>1st Term</i>	<i>2nd Term</i>
First Year				
HSS	109-110	Personal and Professional Development	2	2
HSS	117	Personal and Community Health	3	
HSS	130	Physical Education Activities	2	
HSS	181	Gymnastics		2
HSS	182	Conditioning I	1	
HSS	183	Conditioning II		1
ENG	101-102	College Composition I and II	3	3
HST	102	History of Western Civilization Since 1715	3	
MTH	102	Fundamentals of Mathematics		3
CMM	101	Fundamentals of Oral Communication		3
PHL	103	Introduction to Philosophy	3	
REL	103	Introduction to Religion		3
			<hr/> 17	<hr/> 17
Sophomore Year				
HSS	305	Human Anatomy and Laboratory		3
HSS	130	Physical Education Activities	2	2
HSS	200	Motor Learning	2	
HSS	220	Adapted Physical Education ²	3	
HSS	223	Basic Movement Education	3	
HSS	275	History of Physical Education and Sports		3
EDT	207	Child and Adolescent in Education	3	
EDT	208	Teaching and Learning ^{2,3}		3
—	—	General Education requirements ¹		6
HSS	225	Computer Applications in Physical Education	3	
			<hr/> 16	<hr/> 17
Junior Year				
HSS	306	Human Physiology	3	
HSS	336	Basic First Aid/CPR		2
HSS	337	Ins. Training First Aid/CPR		1
HSS	130	Physical Education Activities	2	2
HSS	300	Methods of Teaching Physical Education	3	
HSS	324	Elementary Physical Education		3
HSS	408	Physiology of Exercise and Lab.		3

HSS	—	Physical education electives	3	
HSS	431	Nutrition for Exercise and Sport		2
EDT	351	School, Self, and Society ^{2,3}	3	
EDT	469	Reading in the Content Area	1	
HSS	470	Curriculum Development in Physical Education		3
			15	16
Senior Year				
HSS	405	Tests and Measurements	3	
HSS	409-409L	Kinesiology and Laboratory	3	
HSS	417	Student Teaching ⁴		12
HSS	448	Safety and the Law in Physical Education and Sports	2	
EDT	419	Philosophy of Education		3
HSS	—	Electives	6	
—	—	General Education requirement ¹	3	
			17	15

¹See General Education Requirements, Chapter V. Some General Education requirements are specified in the program (e.g., HST 102); others are to be chosen from the listing of approved courses. Consult advisor.

²Students should leave one half day open for field experience.

³Field experiences are arranged by the University. Register for EDT 100.

⁴Students will have seminar on campus once a week.

PROGRAM E3A: PHYSICAL EDUCATION (EDP) 7-12

Dept. No.		Course	Semester Hours	
First Year			1st Term	2nd Term
HSS	109-110	Personal and Professional Development	2	2
HSS	117	Personal and Community Health	3	
HSS	130	Physical Education Activities	2	
HSS	182	Conditioning I	1	
HSS	182	Conditioning II		1
HSS	181	Gymnastics		2
ENG	101-102	College Composition I and II	3	3
HST	102	History of Western Civilization Since 1715	3	
MTH	102	Fundamentals of Mathematics		3
CMM	101	Fundamentals of Oral Communication		3
PHL	103	Introduction to Philosophy	3	
REL	103	Introduction to Religion		3
			17	17
Sophomore Year				
HSS	305	Human Anatomy and Laboratory		3
HSS	130	Physical Education Activities		2
HSS	200	Motor Learning	2	
HSS	220	Adapted Physical Education ²	3	
HSS	275	History of Physical Education and Sports		3
HSS	—	Physical Education Electives	3	3
EDT	207	Child and Adolescent in Education	3	
EDT	208	Teaching and Learning ^{2,3}		3
—	—	General Education requirement ¹		3
HSS	225	Computer Applications in Physical Education	3	
			17	17

Junior Year				
HSS	306	Human Physiology	3	
HSS	336	Basic First Aid/CPR		2
HSS	337	Ins. Training First Aid/CPR		1
HSS	130	Physical Education Activities	1	2
HSS	300	Methods of Teaching Physical Education		3
HSS	408	Physiology of Exercise and Lab		3
EDT	351	School, Self, and Society ^{2,3}	3	
EDT	469	Reading in the Content Area	1	
—	—	General Education requirement ¹	3	
—	—	Electives	5	
HSS	431	Nutrition for Exercise/Sport		2
HSS	470	Curriculum Development in Physical Education		3
			16	16
Senior Year				
HSS	405	Tests and Measurements	3	
HSS	409-409L	Kinesiology and Laboratory	3	
HSS	418	Student Teaching ⁴		12
HSS	448	Safety and the Law in Physical Education and Sports	2	
EDT	419	Philosophy of Education		3
—	—	General Education requirement ¹	3	
HSS	—	Electives	6	
			17	15

¹See General Education Requirements, Chapter V. Some General Education requirements are specified in the program (e.g., HST 102); others are to be chosen from the listing of approved courses. Consult advisor.

²Students should leave one half day open for field experience.

³Field experiences are arranged by the University. Register for EDT 100.

⁴Students will have seminar on campus once a week.

PROGRAM E8: EXERCISE SCIENCE AND FITNESS MANAGEMENT (EES)

Dept.	No.	Course	Semester Hours	
			1st Term	2nd Term
First Year				
PHL	103	Introduction to Philosophy	3	
REL	103	Introduction to Religion		3
HST	102	History/Western Civ. Since 1715	3	
CMM	101	Fund. of Oral Communication		3
ENG	101-102	College Composition I and II	3	3
HSS	112	Intro to Exercise Science	2	
MTH	207	Introduction to Statistics		3
HSS	117	Personal and Community Health	3	
—	—	General Education Requirement (AS)		3
HSS	182-183	Conditioning I and II	1	1
HSS	360	Addiction	2	
HSS	130	Aerobics/STEP/Water Aerobics		1
			17	17
Sophomore Year				
CHM	123-124	General Chemistry and Laboratory	4	4
HSS	209	Teaching Aerobics		2

HSS	305	Human Anatomy		3
PSY	101	Intro. to Psychology	3	
BIO	151	Concepts of Biology I (S)	3	
HSS	275	History of PE/Sports		3
PHL	—	General Education requirement	3	
PSY	251	Human Growth/Development		3
HSS	200	Motor Learning	2	
ECO	203	Principles Microeconomics (SS)		3
HSS	184	Conditioning III	1	
HSS	335	Massage Therapy	1	
			<u>17</u>	<u>18</u>

Junior Year

HSS	307	Human Physiology	3	
HSS	300	Methods of Teaching P.E.		3
HSS	230	Basic Athletic Training	3	
HSS	373	Stress Management		2
HSS	220	Adapted Physical Education	3	
HSS	226	Comp. Applications/Sport Science		3
HSS	361	Health Consumerism	2	
MKT	305	Principles of Marketing		3
MGT	203	Legal Environment/Business	3	
HSS	408	Physiology of Exercise and Lab		3
ACC	301	Financial Accounting	3	
HSS	435	Exercise ECG		3
			<u>17</u>	<u>17</u>

Senior Year

HSS	409-409L	Kinesiology and Lab	3	
HSS	431	Nutrition for Exercise and Sport		2
HSS	405	Tests and Measurements in P.E.	3	
HSS	491	Internship — Off Campus		6
HSS	490	Internship — On Campus	2	
PHL	315	Medical Ethics		3
HSS	448	Safety & The Law in PE/Sports	2	
ENG	370	Report Writing		3
			<u>10</u>	<u>14</u>

¹See General Education Requirements, Chapter V. Some General Education requirements are specified in the program (e.g., HST 102); others are to be chosen from the listing of approved courses. Consult advisor.

²Field experience required.

³Consult program director.

PROGRAM E8A: EXERCISE SCIENCE AND PRE-PHYSICAL THERAPY (PPT)

Dept.	No.	Course	Semester Hours	
First Year			1st Term	2nd Term
REL	103	Intro to Religion	3	
PHL	103	Introduction to Philosophy		3
HST	102	Western Civilization since 1715	3	
PSY	101	Introduction to Psychology	3	
ECO	203	Principles of Microeconomics		3
ENG	101	College Composition I	3	
ENG	102	College Composition II		3
MTH	148	Calculus		3
CHM	123	General Chemistry	3	

CHM	123L	General Chemistry Lab	1	
CHM	124	General Chemistry		3
CHM	124L	General Chemistry Lab		1
HSS	114	Introduction to Physical Therapy		1
HSS	130	Water Aerobics	1	
			17	17
Sophomore Year				
CMM	101	Fundamentals of Oral Communication	3	
PSY	251	Human Growth & Development		3
PHY	201	General Physics	3	
PHY	201L	General Physics Lab	1	
PHY	202	General Physics		3
PHY	202L	General Physics Lab		1
BIO	151	Concepts of Biology I	3	
HSS	305	Human Anatomy	3	
HSS	307	Human Physiology		3
MTH	207	Introduction to Statistics	3	
HSS	230	Basic Athletic Training		3
HSS	335	Massage Therapy	1	
PHL		General Education requirement ¹		3
			17	16
Junior Year				
PHL	315	Medical Ethics	3	
PSY	363	Abnormal Psychology	3	
CHM	313	Organic Chemistry	3	
CHM	313L	Organic Chemistry Laboratory	1	
CHM	314	Organic Chemistry		3
CHM	314L	Organic Chemistry Laboratory		1
HSS	226	Computer Applications in Sports Science		3
HSS	330	Advanced Athletic Training		3
HSS	405	Tests & Measurements	3	
HSS	435	Exercise ECG		3
HSS	220	Adaptive Physical Education	3	
HST	466	History of Science		3
			16	16
Senior Year				
BIO	309	Comparative Anatomy of Vertebrates		3
BIO	309L	Comparative Anatomy Lab		1
—	—	General Education requirement ¹	3	
HSS	409	Kinesiology	2	
HSS	409L	Kinesiology Lab	1	
HSS	184	Conditioning III	1	
HSS	465	Physical Therapy Seminar	2	
BIO	403	Physiology I	3	
BIO	403L	Physiology I Lab	1	
BIO	411	General Microbiology	3	
BIO	411L	General Microbiology Lab	1	
HSS	448	Safety and the Law in Physical Education & Sports		2
HSS	408	Physiology of Exercise		2
HSS	408L	Physiology of Exercise Lab		1
HSS	431	Nutrition for Exercise and Sport		2
HSS	466	Physical Therapy Research Design		3
			17	14

¹See General Education Requirements, Chapter V. Some General Education requirements are specified in the program (e.g., HST 102); others are to be chosen from the listing of approved courses. Consult advisor.

PROGRAM E9: SPORT MANAGEMENT (ESM) OPTION I

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>Semester Hours</i>	
			<i>1st Term</i>	<i>2nd Term</i>
First Year				
HSS	111	Introduction to Sport Management	2	
HSS	130	Physical Education Activities	2	1
ENG	101-102	English Composition I and II	3	3
HST	102	History of Western Civilization Since 1715		3
MTH	102	Fundamentals of Mathematics	3	
CMM	101	Fundamentals of Oral Communication	3	
—	—	Course in minor		3
HSS	226	Computer Applications in Sport Science		3
PHL	103	Introduction to Philosophy		3
REL	103	Introduction to Religion	3	
			<u>16</u>	<u>16</u>
Sophomore Year				
HSS	306	Human Physiology	3	
		or		
HSS	305	Human Anatomy	3	
HSS	275	History of Physical Education and Sports	3	
HSS	—	Physical Education Activities	1	
MGT	203	Legal Environment of Business	3	
MIS	365	Management Information Systems		3
MTH	207	Introduction to Statistics		3
—	—	Courses in minor	3	5
—	—	General Education requirements ¹	3	6
			<u>16</u>	<u>17</u>
Junior Year				
ACC	207	Financial Accounting		3
MKT	421	Advertising	3	
ECO	203	Principles of Microeconomics	3	
HSS	350	Principles of Sport Marketing	3	
HSS	352	Event Management		2
HSS	355	Sport Management Practicum		3
ENG	370	Report Writing		3
ENG	380	Sports in Literature		3
—	—	Courses in minor	5	3
HSS	449	Sportswriting	3	
			<u>17</u>	<u>17</u>
Senior Year				
ACC	208	Accounting for Management	3	
HSS	351	Facility Management	3	
HSS	448	Safety and the Law in Physical Education		
		and Sports	2	
HSS	485	Sport Management Internship ²		12
FIN	301	Business Finance	3	
MGT	314	Personnel Management	3	
—	—	Electives	3	3
			<u>17</u>	<u>15</u>

¹See General Education Requirements, Chapter V. Some General Education requirements are specified in the program (e.g., HST 102); others are to be chosen from the listing of approved courses. Consult advisor.

²Consult program director.

PROGRAM E9: SPORT MANAGEMENT (ESM) OPTION II

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>Semester Hours</i>	
		First Year	1st Term	2nd Term
HSS	111	Introduction to Sport Management	2	
HSS	130	Physical Education Activities	2	1
HSS	226	Computer Applications in Sport Science		3
ENG	101-102	English Composition I and II	3	3
HST	102	History of Western Civilization Since 1715		3
MTH	102	Fundamentals of Mathematics	3	
CMM	101	Fundamentals of Oral Communication	3	
—	—	Course in minor		3
PHL	103	Introduction to Philosophy		3
REL	103	Introduction to Religion	3	
			16	16
		Sophomore Year		
ECO	203	Principles of Microeconomics	3	
HSS	306	Human Physiology	3	
		or		
HSS	305	Human Anatomy	3	
HSS	130	Physical Education Activities	1	
HSS	275	History of Physical Education and Sports	3	
MIS	365	Management Information Systems		3
MTH	207	Introduction to Statistics		3
—	—	Courses in minor	3	5
—	—	General Education requirements ¹	3	6
			16	17
		Junior Year		
ACC	301	Financial Accounting		3
MKT	421	Advertising	3	
HSS	350	Principles of Sport Marketing		3
HSS	352	Event Management		2
HSS	—	General elective	3	
ENG	370	Report Writing		3
ENG	380	Sports in Literature	3	
MKT	310	Principles of Selling	3	
MKT	315	Retail Merchandising		3
—	—	Courses in minor		3
HSS	449	Sportswriting	3	
			15	17
		Senior Year		
HSS	351	Facility Management	3	
HSS	448	Safety and the Law in Physical Education and Sports	2	
EDP	485	Sport Management Internship ²		12
MKT	405	Consumer Behavior	3	
HSS	—	Course in minor	3	
—	—	Electives	6	
			17	12

¹See General Education Requirements, Chapter V. Some General Education requirements are specified in the program (e.g., HST 102); others are to be chosen from the listing of approved courses. Consult advisor.

²Consult program director.

PROGRAM E4: HEALTH EDUCATION (EDH) K-12

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>Semester Hours</i>	
		First Year	1st Term	2nd Term
HSS	110	The Profession of Teaching	3	
HSS	117	Personal and Community Health	3	
HSS	361	Health Consumerism		2
HSS	130	Physical Education Activities	1	1
ENG	101-102	College Composition I and II	3	3
HST	101 or 102	History of Western Civilization		3
MTH	102	Fundamentals of Mathematics		3
CMM	101	Fundamentals of Oral Communication	3	
PHL	103	Introduction to Philosophy	3	
REL	103	Introduction to Religion		3
			<hr/> 16	<hr/> 15
		Sophomore Year		
HSS	251	School Health Services & Environment	3	
HSS	305	Human Anatomy and Laboratory	3	
HSS	306	Human Physiology		3
HSS	363	Emotional Health		2
HSS	364	Sexuality Education		2
HSS	—	Health electives		2
EDT	207	Child and Adolescent in Education	3	
EDT	208	Teaching and Learning		3
EDT	469	Reading in the Content Area	1	
—	—	General Education requirements ¹	6	3
			<hr/> 16	<hr/> 15
		Junior Year		
HSS	309	Methods for Teaching Health		3
HSS	336	Basic First Aid/CPR	2	
HSS	337	Ins. Training. First Aid/CPR		1
HSS	360	Addiction Education	2	
HSS	362	Environmental Health Education	2	
HSS	412	Community Health Resources		3
HSS	—	Health electives	5	3
EDT	351	School, Self, and Society	3	
—	—	General education requirements ¹	3	3
—	—	Second Teaching Field or electives		4
			<hr/> 17	<hr/> 17
		Senior Year		
HSS	407	Seminar in Current Health Issues	2	
HSS	419	Student Teaching ⁴		12
HSS	428	Health Research and Evaluation		3
HSS	430	Principles and Administration of Health Programs	3	
HSS	—	Health electives	2	
EDT	419	Philosophy of Education	3	
EDT	451	Computers in Education	3	
—	—	Second Teaching Field or electives	4	
			<hr/> 17	<hr/> 15

¹See General Education Requirements, Chapter V. Some General Education courses are specified in the program (e.g., HSS 305); others are to be chosen from the listing of approved courses. Consult advisor.

²Field experiences are arranged by the University. Register for EDT 100 section.

³Students should leave one half day open for field experience.

⁴Students will have seminar on campus once a week.

PROGRAM E4A: HEALTH INFORMATION SPECIALIST (EHS)

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>Semester Hours</i>	
First Year			<i>1st Term</i>	<i>2nd Term</i>
ENG	101-102	College Composition I & II	3	3
REL	103	Introduction to Religion	3	
PHL	103	Introduction to Philosophy		3
HST	101-102	History of Western Civilization	3	3
CMM	101	Fundamentals of Oral Communication		3
MTH	102	Fundamentals of Mathematics	3	
HSS	117	Personal and Community Health	3	
HSS	130	Physical Education Activities	1	1
HSS	336	Basic First Aid/CPR		2
HSS	337	Ins. Trng. First Aid/CPR		1
			<hr/>	<hr/>
			16	16
Sophomore Year				
REL/PHL		General Education requirements ¹	3	3
HSS	251	School Health Services and Environment	3	
HSS	305	Human Anatomy	3	
HSS	306	Human Physiology		3
HSS	—	Health elective	4	4
MKT	305	Principles of Marketing	3	
ENG	378	Professional and Technical Writing		3
EDT	451	Computers in Education		3
			<hr/>	<hr/>
			16	16
Junior Year				
HSS	309	Methods of Teaching Health		3
HSS	367	Community Health Programs	3	
HSS	407	Seminar in Current Health Issues	2	
HSS	412	Community Health Resources		3
HSS	415	Health Agency Internships		2
HSS	—	Health electives	2	2
ACC	301	Financial Accounting	3	
—	—	General Education requirement ¹	6	
SOC	—	Sociology elective		3
—	—	Admin/Promotion elective		3
			<hr/>	<hr/>
			16	16
Senior Year				
HSS	415	Health Agency Internships	2	4
HSS	428	Health Research/Evaluation	3	
HSS	430	Prin/Admin. Health Programs		3
—	—	Admin/Promotion elective	3	
—	—	EHS electives or Second Teaching Field	8	9
			<hr/>	<hr/>
			16	16

¹See General Education Requirements, Chapter V. Some General Education courses are specified in the program (e.g., HSS 305); others are to be chosen from the listing of approved courses. Consult advisor.

STATE CURRICULUM IN ATHLETIC TRAINING

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>Semester Hours</i>
PSY	101	Introduction to Psychology	3
HSS	117	Personal and Community Health	3
HSS	220	Adapted Physical Education	3
HSS	230	Basic Athletic Training	3
HSS	305	Human Anatomy	3
HSS	306/307	Human Physiology	3
PSY	251	Human Growth and Development	3
OR			
PSY	341	Social Psychology	3
HSS	336	Basic First Aid/CPR	2
HSS	337	Ins. Training First Aid/CPR	1
HSS	330	Advanced Techniques for Athletic Training I	3
HSS	335	Massage Therapy	1
HSS	433	Advanced Techniques for Athletic Training II	3
HSS	338	Athletic Training Internship (1500 clock hours)	6
HSS	431	Nutrition for Exercise and Sport	2
HSS	408	Physiology of Exercise	2
HSS	408L	Physiology of Exercise Lab	1
HSS	409	Kinesiology	2
HSS	409L	Kinesiology Lab	1
			45

CERTIFICATION PROGRAM IN INTERSCHOLASTIC COACHING

The certificate in Interscholastic Coaching may be pursued by any student in the School of Education.

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>Semester Hours</i>
HSS	230	Basic Athletic Training and Laboratory	3
HSS	336	Basic First Aid/CPR	2
HSS	337	Ins. Training First Aid/CPR	1
HSS	403	Principles, Ethics, and Practices of Coaching	1-3
HSS	404	Coaching Internship	3
HSS	408	Physiology of Exercise and Lab	3
HSS	431	Nutrition for Exercise and Sport	2
HSS	447	Administration of Interscholastic and Intramural Athletics	2
HSS	—	Coaching courses (Minimum of 2 coaching courses)	2-4
HSS	—	At least 3 sem. hrs. from recommended electives	3
			22-26

FACULTY

Lloyd L. Laubach, *Chairperson*

Professors Emeriti: LaVanche, Drees, Leonard

Professor: Schleppe

Associate Professors: Laubach, Siciliano

Assistant Professors: Goldfine, Morefield, Roberts, Vanderburgh

COURSES OF INSTRUCTION

HSS 109. PERSONAL AND PROFESSIONAL DEVELOPMENT OF THE TEACHER: A course to help the student define professional goals and assess personal strengths and weaknesses in the light of competencies deemed essential for a physical and/or health education teacher. 2 sem. hrs.

HSS 110. PERSONAL AND PROFESSIONAL DEVELOPMENT OF THE TEACHER: Practicum experiences on campus and in local area schools to enable the student to explore interests and test commitment to the teaching profession. 2 sem. hrs.

HSS 111. INTRODUCTION TO SPORTS MANAGEMENT: A course to help the student define professional goals and assess personal strengths and weaknesses in the light of competencies deemed essential for a sports management career. 2 sem. hrs.

HSS 112. INTRODUCTION TO EXERCISE SCIENCE AND FITNESS MANAGEMENT: A course to help the student define professional goals and assess personal strengths and weaknesses in the light of competencies deemed essential for an exercise science and fitness management career. 2 sem. hrs.

HSS 114. INTRODUCTION TO PHYSICAL THERAPY: An introductory seminar discussing the history, present and future, of physical therapy. A successful undergraduate preparation for entrance into this highly selective graduate program will be this field's secondary focus. 1 sem. hr.

HSS 117. PERSONAL AND COMMUNITY HEALTH: Survey of health science and principles of preventive medicine as introduction to other courses in personal or community health and health education. Required for physical education majors. 2-3 sem. hrs.

HSS 130. PHYSICAL EDUCATION ACTIVITIES: Skills and understanding basic to an appreciation of selected activities. Open to all University students. Consult the composite for current offerings. 1-2 sem. hrs.

HSS 181. GYMNASTICS: Preparation of physical education teachers to instruct beginning-level gymnastics. Skills for both male and female events useful in teaching coeducational classes. Required for EDP majors. 2 sem. hrs.

HSS 182. CONDITIONING I: Aerobic conditioning techniques developed primarily through running and water exercise programs. Required for EES and EDP majors. 1 sem. hr.

HSS 183. CONDITIONING II: Principles and techniques for developing muscular strength and endurance conditioning. Required for EES and EDP majors. 1 sem. hr.

HSS 184. **CONDITIONING III:** A course designed for Exercise Science and Pre-Physical Therapy majors to introduce them to concepts and techniques of aerobic conditioning using exercise devices such as treadmills, bicycle ergometers, stairmasters, rowing machines, etc. Prerequisites HSS 182; HSS 183. 1 sem. hr.

HSS 200. **MOTOR LEARNING:** Investigation of fundamental principles of human movement. Physical and psychological variables essential to motor learning are considered. Prerequisite for HSS 300. 2 sem. hrs.

HSS 209. **TEACHING AEROBICS:** The fitness concept of aerobic conditioning through exercise routines done to music. Basic dance steps, patterns, teaching tips to enable students to choreograph their own warm-up, aerobic, and cool down routines. 2 sem. hrs.

HSS 220. **ADAPTIVE PHYSICAL EDUCATION:** A course to prepare prospective teachers to adapt a physical education program so all children and youth can successfully participate in activity programs. Study of the atypical child in order to organize and administer a program which will meet individual needs. 3 sem. hrs.

HSS 223. **BASIC MOVEMENT EDUCATION:** Study of movement fundamental to all the traditional content areas of games and sports, dance, and gymnastics. Prerequisite for HSS 324. 3 sem. hrs.

HSS 225. **COMPUTER APPLICATIONS IN PHYSICAL EDUCATION:** The course focuses on understanding the ethical uses of computers as a tool for assessment, instruction, grading and multimedia in physical education. Emphasis is placed on demonstrated proficiency in word processing with *Word Perfect & Microsoft Works*, *Children's Writing and Publishing*, *Microsoft Works Spreadsheet and Database*, and the evaluation and use of educational software and specific sport packages for basketball and other sports. All programs will be on MAC or Apple II. 3 sem. hrs.

HSS 226. **COMPUTER APPLICATIONS IN SPORT SCIENCE:** The course focuses on understanding the practical uses of computers as a tool in exercise science and sport management activities. Emphasis is placed on demonstrated proficiency in word processing, spreadsheets, graphics, and databases, and the evaluation and use of specific exercise science and sport management packages. Emphasis will be on use of IBM compatible computers. 3 sem. hrs.

HSS 230. **BASIC ATHLETIC TRAINING:** Application of principles and methods involved in prevention, care, and treatment of athletic injuries. 3 sem. hrs.

HSS 245. **MODERN DANCE:** Basic and intermediate techniques in modern dance. The study of dance as an art form. First term, every other year. Elective. 2 sem. hrs.

HSS 251. **SCHOOL HEALTH SERVICES & ENVIRONMENT:** The organization and administration of a school health program with emphasis on health services, and healthful school living. 3 sem. hrs.

HSS 275. **HISTORY OF PHYSICAL EDUCATION AND SPORT:** Study of the historical development of physical education and sport as it relates to significant events in the history of Western civilization. 3 sem. hrs.

HSS 300. **METHODS OF TEACHING PHYSICAL EDUCATION:** Study of the methods and skills essential for effective teaching in physical education. Prerequisite: HSS 200. 3 sem. hrs.

HSS 305. **HUMAN ANATOMY AND LABORATORY:** Study of the human body with emphasis on the interdependent relationships of structure and function. Prerequisite to HSS 408-409. 3 sem. hrs.

HSS 306. HUMAN PHYSIOLOGY: Study of the functions of body systems. Cell physiology, structural contributions or limitations, concepts of biochemistry, control of functions, physiological limits of function, and examples of pathologic developments.

3 sem. hrs.

HSS 307. HUMAN PHYSIOLOGY: A survey of the functions of body systems with respect to general cell physiology and specialization into tissues, structural contributions to tissue/organ physiology, pertinent concepts of biochemical physiology, tissue metabolism and energy/food requirements during stress and exercise, recent research into control and regulation of functions of major systems, physiologic limitations outside environmental ranges, and selected examples of pathophysiology.

3 sem. hrs.

HSS 309. METHODS OF TEACHING HEALTH: Study of the instructional phase of the school health program with emphasis on the methods of teaching health.

3 sem. hrs.

HSS 310. COACHING BASKETBALL: The theory, skills, strategies, and methods of coaching basketball. First term, each year. Elective.

2 sem. hrs.

HSS 312. COACHING FOOTBALL: The theory, skills, strategies, and methods of coaching football. Second term, each year. Elective.

2 sem. hrs.

HSS 314. COACHING BASEBALL: The theory, skills, strategies, and methods of coaching baseball. Elective.

1 sem. hr.

HSS 316. COACHING SOCCER: The theory, skills, strategies, and methods of coaching soccer. First term, each year. Elective.

1 sem. hr.

HSS 317. COACHING TRACK AND FIELD: The theory, skills, strategies, and methods of coaching track and field. Elective.

1 sem. hr.

HSS 318. TEACHING AND COACHING GOLF: The theory, skills, strategies, and methods of teaching and/or coaching golf.

1 sem. hr.

HSS 322. COACHING VOLLEYBALL: The theory, skills, strategies, and methods of coaching volleyball. Elective.

1 sem. hr.

HSS 324. ELEMENTARY PHYSICAL EDUCATION: Basic theory, techniques and methods for conducting a program for elementary students. Prerequisite: HSS 223.

3 sem. hrs.

HSS 330. ADVANCED ATHLETIC TRAINING: Advanced techniques of evaluation, treatment, and rehabilitation of athletic injuries; basic pharmacology and therapeutic modalities.

3 sem. hrs.

HSS 335. INTRODUCTION TO THERAPEUTIC MASSAGE: Introduction to bodywork and issues of health and wellness. Laboratory sessions will provide an opportunity to integrate and apply massage knowledge and skill drawn from a variety of healing systems; Swedish Massage, Acupressure, Reflexology and Hydrotherapy. Designed for students in Exercise Science, Athletic Training and Health Care. Open to University.

1 sem. hr.

HSS 336. BASIC FIRST AID/CPR: Study of basic principles in personal safety and accident prevention. Application of first aid knowledge and skills in emergencies. National Red Cross Instructor's certificate for Standard First Aid and Personal Safety may be obtained. The American Red Cross course designed to certify the student both in basic CPR techniques and CPR instruction.

2 sem. hrs.

HSS 337. COMMUNITY FIRST AID AND SAFETY INSTRUCTOR CERTIFICATION: The American Red Cross course designed to certify the student both in basic CPR/First Aid techniques and their instruction. Prerequisite: Basic CFA&S Certification.

1 sem. hr.

HSS 338. ATHLETIC TRAINING INTERNSHIP: Practical experience in a traditional athletic training program and allied clinical settings. Students must complete a minimum of 1500 clock hours. Prerequisites: HSS 230, 336, 337. *2 sem. hrs.*

HSS 341. INTRODUCTION TO RECREATIONAL SERVICES: Fundamentals of the nature, scope, and significance of organized recreation services. *2 sem. hrs.*

HSS 342. RECREATIONAL SPORTS PROGRAMMING: An overview of the current programmatic elements and techniques in recreational sports. *2 sem. hrs.*

HSS 343. RECREATIONAL LEADERSHIP: The roles of recreation leaders in many types of community organizations. Analysis of key concepts underlying successful leadership and leadership techniques. *2 sem. hrs.*

HSS 344. OUTDOOR EDUCATION—SCHOOL CAMPING: Action seminar to familiarize teachers and recreation leaders with the curricula, teaching techniques, and skills for good outdoor education programs. *2 sem. hrs.*

HSS 345. RECREATION AND SPECIAL GROUPS: Brief history of rehabilitation and recreation services. Development of skills essential for serving the recreational needs of special populations: teenagers, elderly, juvenile and adult offenders, mentally retarded, physically disabled, and sensory impaired. *2 sem. hrs.*

HSS 350. PRINCIPLES OF SPORT MANAGEMENT: Examination of the nature of management from theoretical and practical perspectives in a variety of sport settings. Focus on managerial functions and skills. *3 sem. hrs.*

HSS 351. FACILITY MANAGEMENT: The processes of planning, constructing, equipping, and maintaining sport facilities are investigated in this course. In addition, the multi-faceted nature of event management is examined in a variety of sport settings. *3 sem hrs.*

HSS 352. EVENT MANAGEMENT: The purposes, types, organization, administration and evaluation of events as they relate to sport, facility and community environments. *2 sem. hrs.*

HSS 355. SPORT MANAGEMENT PRACTICUM/SEMINAR: The sport management practicum and seminar is designed for students to gain insight into a wide array of field experiences within this discipline. Students are given choices of field work within a variety of sport and recreation settings. In addition, a weekly seminar is required as part of the practicum experience. *1-3 sem. hrs.*

HSS360. ADDICTION EDUCATION: This is a search into the causes of human compulsion which lead to addictive behavior, a survey of addictive substances, individual research into preventive and treatment programs, and the current display of attitudes by concerned social groups and individuals. *2 sem. hrs.*

HSS 361. HEALTH CONSUMERISM: Sorting fad from fact in using health products and services from the present market—includes fad diets, nutrition nonsense, survey of medical hoaxes, misleading advertising and protection that is available to all health consumers. Research into current fads and frauds and exposure of health myths and misconceptions is included. *2 sem. hrs.*

HSS 362. ENVIRONMENTAL HEALTH EDUCATION: A selected study of present environmental health conditions. Emphasis is on improvement of those conditions through individual effort and community action. *2 sem. hrs.*

HSS 363. EMOTIONAL HEALTH: Study of emotions, behavior, personality, social relationships, and adjustments to change. The aim is toward increased self-understanding, and improved efficiency for healthful living. *2 sem. hrs.*

HSS 364. SEXUALITY EDUCATION: Study of maturation, reproduction, pregnancy, birth, and physiological development in humans. Emphasis on the psychological concept of sexuality in American society. *2 sem. hrs.*

HSS365. EDUCATIONFORPARENTING: Selected issues surrounding family composition and roles, life cycles, marriage, family relationships, and parenting. *2 sem. hrs.*

HSS 367. COMMUNITY HEALTH PROGRAMS: Development of those skills necessary to perform as a community health educator in a variety of settings. *2 sem. hrs.*

HSS371. DYNAMICS OF ADDICTION PROBLEMS IN WOMEN: This course explores the facts, myths, attitudes, identification and referral resources with respect to women and the nation's alcohol and drug-related problems. Emphasis will be on the physical, mental, emotional and social problems of the female addict, the associates and the family. A number of "models" of abuse will be studied including those by Segler, Osmond and Newell. Case studies will be scrutinized to find practical guidelines for prevention/treatment. *2 sem. hrs.*

HSS 373. STRESS MANAGEMENT FOR THE EDUCATOR: Examination of life's stressors, utilization of reduction techniques, and assisting others with the management of stress. Special attention to controlling stress in the school setting. *2 sem. hrs.*

HSS 374. HEALTHFUL LIFESTYLES: Study of behaviors, attitudes, and values contributing to positive health practices. Assessment of individual lifestyle to improve health status. *2 sem. hrs.*

HSS 376. WOMEN'S HEALTH ISSUES: Women's Health Issues explores the myriad of health problems and concerns facing today's women. The focus is on examining the whole person from physical, emotional and spiritual perspectives. *2 sem. hrs.*

HSS 400. PHYSICAL EDUCATION WORKSHOPS: Various workshops will be conducted depending upon the needs of the clientele. *1-3 sem. hrs.*

HSS 403. PRINCIPLES, ETHICS, AND PRACTICES OF COACHING: General principles governing the administrative and coaching functions of planning, organizing, and instructing athletic teams. Elective. *2 sem. hrs.*

HSS 404. COACHING INTERNSHIP: Practical coaching experience working in local schools with interscholastic teams. Elective. *1-3 sem. hrs.*

HSS 405. TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION: A direct relationship of tests and measurements to the teaching situation. *3 sem. hrs.*

HSS 407. HEALTH TOPICS FOR TEACHERS: A seminar on current health topics with emphasis on prevention, solution, and the related roles of the health educator. The discussion technique is used for the seminar presentations. *2 sem. hrs.*

HSS 408. PHYSIOLOGY OF EXERCISE: Detailed study of the effects of exercise on human functions, as a basis for the study of physical fitness, motor skills, and athletic training. Prerequisites: HSS 305-306. *2 sem. hrs.*

HSS 408L. PHYSIOLOGY OF EXERCISE LABORATORY: Course to accompany HSS 408. Weekly two-hour laboratory stressing practical applications of exercise physiology. *1 sem. hr.*

HSS 409. KINESIOLOGY: Investigation and analysis of human motion based on anatomical, physiological, and mechanical principles. Prerequisites: HSS 305-306 or 307.

2 sem. hrs.

HSS 409L. KINESIOLOGY LABORATORY: Course to accompany HSS 409. Weekly two-hour laboratory stressing the practical application of kinesiology.

1 sem. hr.

HSS 412. COMMUNITY HEALTH RESOURCES: The functions and services of various local health agencies. Course members select agencies to visit and/or invite to campus.

3 sem. hrs.

HSS 413. HEALTH EDUCATION FOR THE ELEMENTARY EDUCATOR: A study of the total school health program. Elementary education majors only.

3 sem. hrs.

HSS 414. PHYSICAL EDUCATION FOR THE ELEMENTARY EDUCATOR: A course designed to equip the elementary education major with basic theory, techniques, and methods for conducting a physical education program for elementary students. Elementary education majors only. Junior status only.

2 sem. hrs.

HSS 415. HEALTH AGENCY INTERNSHIP: Student spends 60 hours working with agency of his or her choice. Prerequisites: Junior standing, HSS 412.

2 sem. hrs.

HSS 416. STUDENT TEACHING (ADAPTED PHYSICAL EDUCATION CERTIFICATION): Teaching under close supervision of a certified adapted physical education specialist for a minimum of three weeks. Prerequisite: Formal admission a full semester in advance.

3 sem. hrs.

HSS 417. STUDENT TEACHING (K-12 TEACHING FIELD): Teaching under close supervision in the specialized subject area in both elementary and high school grades for a minimum of twelve weeks. A seminar is held once a week. Prerequisite: Formal admission a full semester in advance.

12 sem. hrs.

HSS 418. STUDENT TEACHING (7-12 TEACHING FIELD): Teaching under close supervision in the specialized subject area in the high school grades for a minimum of twelve weeks. A seminar is held once a week. Prerequisite: Formal admission a full semester in advance.

12 sem. hrs.

HSS 419. STUDENT TEACHING (HEALTH): Teaching under close supervision in the specialized subject area in elementary, junior high, and high school grades for a minimum of twelve weeks. A seminar is held once a week. Prerequisite: Formal admission a full semester in advance.

12 sem. hrs.

HSS 420. LIFEGUARDING: The American Red Cross Senior Life Saving Course. Prerequisite: Advanced Swimming. First term, each year. Elective.

1 sem. hr.

HSS 421. WATER SAFETY INSTRUCTION: The American Red Cross Safety Instructor's Course. Prerequisite: Senior Life Saving. Second term, each year. Elective.

2 sem. hrs.

HSS 428. HEALTH RESEARCH AND EVALUATION: An introduction to statistical analysis and research methodology. Emphasis will be on the use of these in determining health statistics, designing and evaluating health studies, accessing data banks; collection, analysis and interpretation of health statistics.

3 sem. hrs.

HSS 430. PRINCIPLES AND ADMINISTRATION OF HEALTH PROGRAMS: Establishment of the need for health education, historical development, survey of various philosophies, and discussion of specific professional standards, all aimed toward conceptualization of a personal philosophy by the health educator.

3 sem. hrs.

HSS 431. NUTRITION FOR EXERCISE AND SPORT: Investigation of current research in the nutritional assessment of the athlete. Topics include dietary needs, fluid replenishment, pre-game meals, and "fad" diets for the athlete. 2 sem. hrs.

HSS 432. ADVANCED ADAPTED PHYSICAL EDUCATION: A course designed for prospective Adapted Physical Education Specialists. Emphasis is placed on the responsibility, process and development of educating the exceptional population in a physical education setting. Prerequisite: Adapted Physical Education. 3 sem. hrs.

HSS 433. ADVANCED ATHLETIC TRAINING II: Advanced techniques emphasizing use of therapeutic modalities, rehabilitation of athletic injuries, and basic pharmacology. Prerequisites: Basic Athletic Training, CPR and Human Anatomy. 3 sem. hrs.

HSS 435. EXERCISE ECG: Evaluation of exercise electrocardiograms from healthy persons. Prerequisites: HSS 306; HSS 408, 408L. 3 sem. hrs.

HSS 436. SCHOOL NURSE PRACTICUM: Approval of application on which is shown completion of all entry requirements, coursework, field/clinical experience, and academic standards in the School Nurse Certification Program. 10 sem. hrs.

HSS 447. ADMINISTRATION OF INTERSCHOLASTIC AND INTRAMURAL ATHLETICS: Structure of interscholastic and intramural athletics and their appendages: staffing, financing, facilities, scheduling, crowd control, sports medicine. 2 sem. hrs.

HSS 448. SAFETY AND THE LAW IN PHYSICAL EDUCATION AND SPORTS: Study of the legal aspects of physical education and athletics. Analysis of specific court cases. Formulation of safety policies. 2 sem. hrs.

HSS 449. SPORTSWRITING: Analysis of and practice in written communications appropriate to sports including news releases, new articles, game programs, and features. 3 sem. hrs.

HSS 450. SELECTED STUDIES IN HEALTH: Investigating, analyzing, and reporting on a problem in health. Permission of chairperson. 1-3 sem. hrs.

HSS 452. DEATH EDUCATION FOR LIVING: Emphasis is on "education for healthy living" which is accomplished by bringing the subject of death into reality and comfort. Field trips, group sharing and guest speakers are highlights. 2 sem. hrs.

HSS 453. CHILD ABUSE—THE EDUCATOR'S ROLE: The educator's legal responsibility in suspected child abuse. Attention to the local, state, and national incidence of child abuse, including physical, emotional, and sexual abuse. Teaching techniques for mental health education and parenting education. 2 sem. hrs.

HSS 455. SELECTED STUDIES IN PHYSICAL EDUCATION: Investigating, analyzing, and reporting on a problem in physical education. Prerequisite: Permission of chairperson. Elective. 1-4 sem. hrs.

HSS 465. PHYSICAL THERAPY SEMINAR: Addresses current issues facing prospective and present physical therapists in a reforming healthcare industry. 2 sem. hrs.

HSS 466. PHYSICAL THERAPY RESEARCH DESIGN: Establishment of the need for and consumership of research in the field of physical therapy, with direct application of research methodology culminating in a research proposal. 3 sem. hrs.

HSS 470. CURRICULUM DEVELOPMENT IN PHYSICAL EDUCATION: Principles and procedures for curriculum construction and revision. Study of philosophies (institutional, professional, and personal) and their relationship to curriculum development.

3 sem. hrs.

HSS 485. SPORT MANAGEMENT INTERNSHIP: Work experience carried out under the auspices and supervision of the sports management staff. Application and permission of director of Sports Management program required.

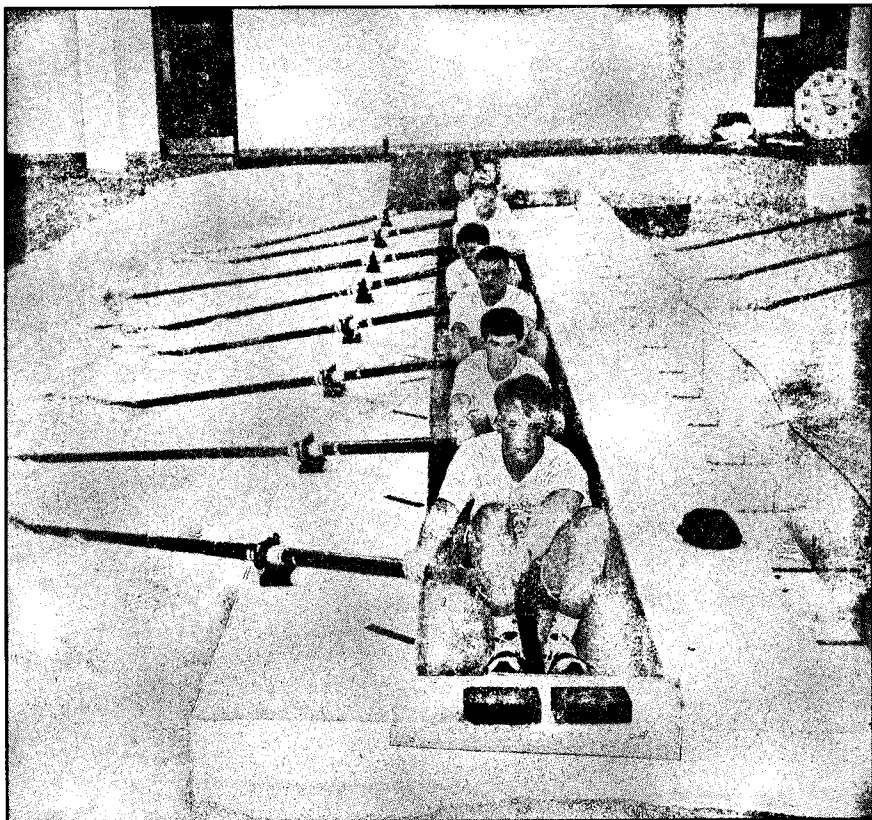
1-12 sem. hrs.

HSS 490. EXERCISE SCIENCE INTERNSHIP—ON CAMPUS: Work experience carried out under the auspices and supervision of the University of Dayton Wellness Program staff. Application and permission of director of Exercise Science and Fitness Management program required.

2 sem. hrs.

HSS 491. EXERCISE SCIENCE INTERNSHIP—OFF CAMPUS: Work experience carried out under the auspices of an industrial, commercial, educational, government or health agency-related wellness program. Application and permission of director of Exercise Science and Fitness Management program required.

1-6 sem. hrs.



EHZ

FOOD AND NUTRITION (EHZ)

The Food and Nutrition Program (EHZ) offers two majors: Didactic Program in Dietetics (EHA) and Nutrition (EHN). The curriculum of both programs is an integration of the humanities and arts, social sciences, and the physical and life sciences. The study of food and nutrition (EHZ) includes the science of food and the role of nutrients in the body to promote and maintain health. The Didactic Program in Dietetics (EHA) curriculum includes additional courses in food management and medical nutrition therapy for specific pathology. This curriculum has been granted continued approval by The American Dietetic Association since 1943 and supports pursuit of the Registered Dietitian (RD) credential. The Nutrition (EHN) curriculum provides sufficient hours to obtain a minor to complement nutrition career planning. Both programs challenge you to strive for excellence.

PROGRAM E12: FOOD AND NUTRITION (EHA)

OPTION 1—DIDACTIC PROGRAM IN DIETETICS

This program leads to a Bachelor of Science in preparation for a required post-baccalaureate experience. Upon successful completion of the post-baccalaureate experience, graduates are eligible to become active members of The American Dietetic Association and to sit for the registration examination to become registered dietitians.

Acceptance into a post-baccalaureate program is very competitive. Post-baccalaureate programs maintain increasingly high admission standards. Acceptance is based on the grades of major and support courses, recommendation letters, work experience, extra-curricular activities, motivation, and knowledge of the profession. A grade point average above 2.9 in both the major and support courses is recommended. At the end of the second year the Advisory Committee evaluates all students enrolled in The American Dietetic Association Didactic Program in Dietetics. Any student whose cumulative average for two years of study is below 2.8 will be advised to draft a program for success or consider changing his or her major.

Students generally make formal application in the second semester of their senior year to post-baccalaureate programs. Selection of the post-baccalaureate program is made through computer matching.

Students enrolled in The American Dietetic Association Didactic Program in Dietetics do not practice as student dietitians in any observation experience. There is, therefore, no professional liability insurance required.

Additional undergraduate costs may include a laboratory coat and public transportation fares to an observation site. Students are encouraged to join The American Dietetic Association as Affiliate members, currently at \$36.00 per membership year (June 1 to May 31.)

PROGRAM E12: FOOD AND NUTRITION (EHA)

OPTION 1—DIDACTIC PROGRAM IN DIETETICS

Dept.	No.	Course	Semester Hours	
			1st Term	2nd Term
		First Year		
EHZ	200	Introductory Foods and Laboratory	4	
EHZ	202	Introduction to Dietetics and Nutrition	1	
ENG	101-102	College Composition I and II ¹	3	3

CHM	123-124	General Chemistry and Laboratory	4	4
CMM	101	Fundamentals of Oral Communication		3
HST	101 or 102	History of Western Civilization	3	
PHL	103	Introduction to Philosophy		3
PSY	101	Introduction to Psychology		3
			<hr/>	<hr/>
			15	16
Sophomore Year				
BIO	151-152	Concepts of Biology and Laboratory	3	4
HSS	225	Computer Applications		3
ENG	370	Report Writing ²		3
ECO	203	Principles of Microeconomics		3
OR				
ECO	204	Principles of Macroeconomics		
EHZ	295	Nutrition and Health	3	
EHZ	304	Quantity Food Production	3	
EHZ	308	Institutional Buying		3
REL	103	Introduction to Religion	3	
—	—	General Education Requirement	3	
			<hr/>	<hr/>
			15	16
Junior Year				
CHM	313-314	Organic Chemistry	3	3
Laboratory (recommended but not required)				
HSS	307	Human Physiology	3	
EHZ	300	Cultural Foods and Laboratory		3
EHZ	305	Global Nutrition	3	
OR				
EHZ	403	Community Nutrition	2	
EHZ	401	Advanced Nutrition		3
EHZ	405	Instructional Methods		3
HEC	351	Consumer Policy	2	
OR				
POL	201	The American Political System	2	
MGT	311	Organizational Behavior	3	
ACC	301	Financial Accounting		3
PSY	432	Interviewing and Counseling		3
ANT	150	Cultural Anthropology	3	
OR			3	
SOC	204	Modern Social Problems	3	
			<hr/>	<hr/>
			17	18
Senior Year				
EHZ	407	Foodservice Systems Management	3	
EHZ	475-476	Medical Nutrition Therapy I and II ³	3	3
EHZ	495-495L	Introduction to Research	3	
BIO	411	General Microbiology and Laboratory	4	
CHM	420	Biochemistry		3
—	—	General Education Requirement	3	6
MGT	314	Personnel and Human Resource Management		3
HSS	431	Nutrition for Exercise and Sport		2
			<hr/>	<hr/>
			16	17

130 total hours

General Education Requirements — Thematic Cluster

Could include second history GE	3
art study GE	3
religion/philosophy GE	6

¹ Or ENG 114 or 198² Or ENG 272 or 372³ Old HEC 402 and 460

PROGRAM E12A: FOOD AND NUTRITION (EHN)
OPTION 2—NUTRITION

Minor is required. Suggestions are: MKT, CMM, ANT, SOC, PSY, BIO, OTHER AREAS OF HSS. Students may fulfill medical or dental schools' requirements with additional courses.

PROGRAM E12A: FOOD AND NUTRITION (EHN)
OPTION 2—NUTRITION

Dept.	No.	Course	Semester Hours	
First Year			1st Term	2nd Term
EHZ	200	Introductory Foods and Laboratory	4	
EHZ	202	Introduction to Dietetics and Nutrition	1	
ENG	101-102	College Composition I and II ¹	3	3
CMM	101	Fundamentals of Oral Communication		3
HST	101 or 102	History of Western Civilization	3	
REL	103	Introduction to Religion		3
CHM	123-124	General Chemistry and Laboratory	4	4
PSY	101	Introductory Psychology		3
			15	16
Sophomore Year				
BIO	151-152	Concepts of Biology and Laboratory	3	4
HSS	225	Computer Applications in Sport Science		3
—	—	General Education Elective	3	3
—	—	General Elective	3	3
ENG	370	Report Writing ²	3	
PHL	103	Introduction to Philosophy		3
PSY	251	Human Growth & Development		3
EHZ	303	Nutrition and Health	3	
			15	16
Junior Year				
CHM	313-314	Organic Chemistry Laboratory (Recommended but not required)	3	3
HSS	307	Human Physiology	3	
EHZ	305	Global Nutrition	3	
EHZ	403	Community Nutrition		
EHZ	—	Food Elective		3
—	—	General Education Requirements	3	3
—	—	General Elective	3	
EHZ	405	Instructional Methods		3
EHZ	401	Advanced Nutrition		3
			15	15
Senior Year				
BIO	411	General Microbiology and Laboratory	4	
BIO	466	Biology of Infections Disease		3
CHM	420	Biochemistry		3
—	—	General Education Requirement	3	
—	—	General Elective	3	6
HSS	431	Nutrition for Exercise and Sport		2
EHZ	410, 410L	Nutritional Biochemistry and Laboratory	2	
EHZ	495, 495L	Introduction to Research	3	
			15	14
			123 total hours	

General Education Requirements — Thematic Cluster	
Could include second history GE	3
art study GE	3
religion/philosophy GE	6

¹ Or ENG 114 or 198² Or ENG 272 or 372

FACULTY

Julia A. Palmert, *Program Director*

Assistant Professors: Baer, Palmert

Part-time Instructors: Freeman, Ganote, Stoia

COURSES OF INSTRUCTION

EHZ 200. INTRODUCTORY FOODS: Study of scientific principles applied to the processing and preparation of food to maintain nutritional quality and aesthetic value. Corequisite: EHZ 200L. 2 sem. hrs.

EHZ 200L. INTRODUCTORY FOODS LABORATORY: Course to accompany EHZ 200 lecture. Two 2-hour periods each week. Corequisite: EHZ 200. 2 sem. hrs.

EHZ 202. INTRODUCTION TO DIETETICS AND NUTRITION: To acquaint the students interested in a career in dietetics or nutrition with the professions, roles, responsibilities, and opportunities afforded them. Examples of practice for each area will be explored. Required by all entering first-year students and open to students interested in food and nutrition careers. 1 sem. hrs.

EHZ 203. ELEMENTARY NUTRITION: Course for the nonmajor interested in food and nutrition. Emphasis on basic nutrition as it applies to the individual. Contemporary issues pertaining to nutrition. 2 sem. hrs.

EHZ 295. NUTRITION AND HEALTH: Study of the nutrient needs of humans and of their choices as modified by socioeconomic, cultural, and life cycle factors. 3 sem. hrs.

***EHZ 300. CULTURAL ASPECTS OF FOOD:** Study of the relationship among consumers, their culture and society and their food; the historical evolution of food; socioeconomic influences on foodways. Corequisite: EHZ 300L. 2 sem. hrs.

EHZ 300L. CULTURAL ASPECTS OF FOOD LABORATORY: Course to accompany EHZ 300 lecture. One 3-hour period each week. Corequisite: EHZ 300. 1 sem. hr.

EHZ 304. QUANTITY FOOD PRODUCTION: Study of quantity food service systems. Coordinated work experience. Prerequisite: EHZ 200, 200L. 3 sem. hrs.

* **EHZ 305. GLOBAL NUTRITION:** A study of the global nature of food systems focusing on the impact of food decisions on the environment, agriculture, production and processing, world population relative to food supply, hunger, biotechnology, and safety of our food supply. 3 sem. hrs.

EHZ 308. INSTITUTIONAL BUYING: Application of principles for determining needs and procuring and storing foods in quantity. Institutional equipment selection, maintenance, and layout. *3 sem. hrs.*

EHZ 310. CHILD NUTRITION: Nutrition as it applies to the optimal and critical growth of children, including the relationships among the physical, mental, socioeconomic, and emotional factors of development. Not open for EHA or EHN Majors. *3 sem. hrs.*

EHZ 337. EXPERIMENTAL FOODS: Comparative and experimental approach to food preparation as it affects quality. Introduction to the standard experimental procedures leading to independent project of student's choice. Prerequisites: EHZ 200, 200L. Corequisite: EHZ 327L. *2 sem. hrs.*

EHZ 327L. EXPERIMENTAL FOODS LABORATORY: Course to accompany EHZ 327 lecture. One 3-hour laboratory period each week. Corequisite: EHZ 327. *1 sem. hr.*

EHZ 357. FOOD MICROBIOLOGY: Study of microorganisms that are related to foodborne illnesses, food preservation, and food sanitation. Prerequisites: BIO 101-102. Corequisite: BIO 411L. *3 sem. hrs.*

EHZ 401. ADVANCED NUTRITION: Extension of the student's knowledge of the science of nutrition, stressing the metabolism of food constituents and recent advances in the field of nutrition. Prerequisites: EHZ 295, BIO 403 or HSS 307, CHM 314. *3 sem. hrs.*

EHZ 403. COMMUNITY NUTRITION: Study of public health nutrition programs and their services to the community. An opportunity to explore alternate methods of health care delivery and preventive measures. *2 sem. hrs.*

EHZ 405. INSTRUCTIONAL METHODS: Instructional planning and developing media, methods, and materials for food and nutrition. *3 sem. hrs.*

EHZ 407. FOODSERVICE SYSTEMS MANAGEMENT: Study of management theories as applied to institutional and commercial food service operations. *3 sem. hrs.*

EHZ 410. NUTRITIONAL BIOCHEMISTRY: Biochemical and clinical methods for the study of nutrition; evaluation and interpretation of the data in relation to various nutritional states. Prerequisite: CHM 420 and EHZ 401. Corerequisite: EHZ 410L *1 sem. hr.*

EHZ 410L. NUTRITIONAL BIOCHEMISTRY LABORATORY: Course to accompany EHZ 410 lecture. One 3-hour period each week. Corequisite: EHZ 410. *1 sem. hr.*

EHZ 437. MEAL MANAGEMENT: Study of the influences on food patterns resulting from the relationship between the economy and the consumer. Corequisite: EHZ 437L. *2 sem. hrs.*

EHZ 437L. MEAL MANAGEMENT LABORATORY: Course to accompany EHZ 437 lecture. One 2-hour period each week. Corequisite: EHZ 437. *1 sem. hrs.*

EHZ 451. ADVANCED NUTRITIONAL BIOCHEMISTRY: Comprehensive study of the role of nutrients in the control of body metabolism. Prerequisites: CHM 420, EHZ 401. *3 sem. hrs.*

EHZ 455. PHARMACOLOGY — NUTRITION IMPLICATIONS: Study of the effect of drug therapy on the patient's body processes and nutritional status, including indications, dosage, cautions, side effects, monitoring, and drug-food integrations.

3 sem. hrs.

EHZ 460. SEMINAR IN FOOD AND NUTRITION: Survey, discussion, and oral presentation of selected topics from current food and nutrition literature. May be taken twice.

1 sem. hr.

EHZ 470. FOOD AND NUTRITION LABORATORY INTERNSHIP: Practical field experience in the student's major area of study. Prerequisite: Permission of department chair. Grade option 2.

1-6 sem. hrs.

EHZ 475 & 476. MEDICAL NUTRITION THERAPY I AND II: Includes the study of professional development issues, the process of nutrition assessment, nutrition care planning and the appropriate medical nutrition therapy for specific pathophysiology in humans. Designed for those planning to become a registered dietitian. Prerequisites are CHM 314, EHZ 401, and HSS 307 or BIO 403.

3 sem. hrs. each

EHZ 490. TOPICS IN FOOD AND NUTRITION: Presentation and discussion of topics in a specialized area of food and nutrition. Can be repeated under special circumstances.

1-6 sem. hrs.

EHZ 495. INTRODUCTION TO RESEARCH: Introduction to the process of conducting research in nutrition and dietetics including: Writing the Research Proposal, Research Methods (Descriptive Research, Analytical Research, Techniques used in Nutrition and Dietetics Research), Statistical Application, Analysis and Interpretation of Data, Applications of Research to Practice. Required for EHZ 495L.

2 sem. hrs.

EHZ 495L. INTRODUCTION TO RESEARCH LABORATORY: Course to accompany EHZ 495, conducting and evaluating a research project.

1 sem. hr.

*General education course. See Chapter V.



EDT

TEACHER EDUCATION (EDT)

The Teacher Education Department's mission is the development of competent and humane teachers. It provides students and faculty the opportunity to serve and learn in elementary and secondary schools. It dedicates itself to the discovery and transmission of the knowledge, skills, attitudes, and values that enable teachers to be professional leaders.

To assure the competency of its students, the Department has established a selection and retention policy which requires students to demonstrate before student teaching at least a 2.5 overall grade-point average; ability to pass the Praxis I (Pre-Professional Skills Test); competency in the use of audio-visual equipment and materials; and competency in achieving selected objectives in 300 hours of clinical and field-based experiences. At the completion of their programs to be certified, all students are required to pass the Praxis II exit examination mandated by the State Board of Education; to verify they are of "good moral character" and to be finger printed.

ELEMENTARY EDUCATION (EDE)

The Department of Teacher Education administers the program in elementary education (E1), which leads to the Bachelor of Science in Education and certification to teach grades 1-8.

A student in the Elementary Education program is required to have a concentration of 20 or more semester hours in mathematics, natural sciences, social sciences, or humanities. See advisor for available concentrations.

Endorsement (E) and validation (V) programs are available in the following:

Typing/Keyboarding (E)

Pre-Kindergarten (V)

Reading (E)

In order to do student teaching and be recommended for certification, the elementary education major must earn an overall quality point average of at least 2.5 and pass the Praxis I (P.P.S.T.)

Checksheets for each certification area are available in the Department of Teacher Education, C-114, and the School of Education, C-104.

PROGRAM E1: ELEMENTARY EDUCATION (EDE)

(Leading to Ohio Provisional Elementary Certificate: grades 1-8)

Dept.	No.	Course	Semester Hours	
			1st Term	2nd Term
First Year				
SCI	190-190L	Physical Universe	4	
EDT	109	Personal Aspects of Teaching	0	
EDT	110	The Profession of Teaching ¹		3
ENG	101-102	College Composition I and II	3	3

HST	102	History of Western Civilization Since 1715	3	
HST	251 or 252	American History		3
PHL	103	Introduction to Philosophy	3	
SCI	210 or 220	Geology or Chemistry		3 or 4
REL	103	Introduction to Religion		3
VAE	101	Fundamentals and Materials of Art	2	
			<hr/> 15	<hr/> 16

Sophomore Year

EDT	300	History of Education Since 1789	3	
EDT	207	Child and Adolescent in Education	3	
EDT	208	Teaching and Learning ¹		3
EDT	290	Mainstreamed Handicapped Students		3
SCI	230 or 240	Biology	3 or 4	
MTH	204-205	Mathematical Concepts I and II	3	3
MUS	104	Music Literature for the Elementary Classroom	2	
CMM	101	Fundamentals of Oral Communication		3
—	—	Concentration ² or electives		3
—	—	General Education requirement ³	3	
			<hr/> 17	<hr/> 15

Junior Year

HSS	413	Health Education for the Elementary Educator	3	
HSS	414	Physical Education for the Elementary Educator	2	
EDT	296	Teaching in the Elementary School ⁴		3
EDT	320	Reading and Language Arts ⁴		4
EDT	325	Social Studies in Elementary School ⁴		3
EDT	326	Mathematics and Science in Elementary School ⁴		4
EDT	360	Literature for Children and Adolescents	3	
EDT	382	Art and Music in Elementary School ⁴		3
—	—	General Education requirement ³	3	
—	—	Concentration ²	6	
			<hr/> 17	<hr/> 17

Senior Year

EDT	413	Student Teaching—Elementary ⁵	12	
EDT	419	Philosophy of Education	3	
—	—	General Education requirement ³		3
—	—	Concentration ² and/or electives		12
			<hr/> 15	<hr/> 15

¹Field experiences are arranged by the University. Register also for EDT 100.

²A concentration of 20 or more sem. hrs. in mathematics, natural science, social sciences, humanities, foreign language or international studies.

³See General Education Requirements, Chapter V. Some humanities base and thematic cluster requirements are specified in the program; others are to be chosen from the listing of approved courses. Consult advisor and checksheets.

⁴EDT 296, 320, 325, 326, and 382 must be taken concurrently. Field experience is required. The methods block should be taken the term before student teaching.

⁵Students will have seminar on campus once a week.

EDUCATION OF THE HANDICAPPED (EHD)

The Department of Teacher Education administers the program in Education of the Handicapped (E10), which leads to certification to teach grades K-12 and to the Bachelor of Science in Education.

A student in the Education of the Handicapped Program is required to have one specialization totalling a minimum of 20 sem. hrs. In order to do student teaching and be recommended for certification, the student must earn a quality point average of at least 2.5 in the specialization, 2.5 in professional education courses, and 2.5 in any additional endorsement or validation area; and, pass Praxis I (P.P.S.T.).

At the completion of the program, to be certified, all students are required to pass the Praxis II exit examination mandated by the State Board of Education; to verify they are of "good moral character" and, to be finger printed.

Specializations are the following:

Specific Learning Disabled

Developmentally Handicapped

Multihandicapped

Endorsement (E) and validation (V) programs are available in the following:

Reading (E)

Typing/Keyboarding (E)

Pre-Kindergarten (V)

Checksheets for each specialization are available in the Department of Teacher Education, C-114, and the School of Education, C-104.

PROGRAM E10: EDUCATION OF THE HANDICAPPED (EHD)

(Leading to Ohio Provisional Certificate for Education of the Handicapped: grades K-12)

<i>Dept.</i>	<i>No.</i>	<i>Course</i>	<i>Semester Hours</i>	
			<i>1st Term</i>	<i>2nd Term</i>
First Year				
SCI	190-190L	Physical Universe	4	
EDT	109	Personal Aspects of Teaching	0	
EDT	110	The Profession of Teaching ¹		3
ENG	101-102	College Composition I and II	3	3
HST	102	History of Western Civilization Since 1715	3	
HST	251 or 252	American History		3
PHL	103	Introduction to Philosophy	3	
SCI	210 ro 220	Geo or Chm		3 or 4
REL	103	Introduction to Religion		3
VAE	101	Fundamentals and Materials of Art	2	
			15	16
Sophomore Year				
HSS	414	Physical Education for the Elementary Educator		2
EDT	200	History of Education Since 1789	3	
EDT	207	Child and Adolescent in Education	3	
EDT	208	Teaching and Learning ¹		3
EDT	290	Mainstreamed Handicapped Students		3
EDT	390	Introduction to Exceptionalities	3	

SCI	230 or 240	Biology		3 or 4
MTH	204-205	Mathematical Concepts I and II	3	3
MUS	104	Music Literature for the Elementary Classroom	2	
CMM	101	Fundamentals of Oral Communication	3	
—	—	General Education requirement ²		3
			<hr/>	<hr/>
			17	17
Junior Year				
HSS	413	Health Education for the Elementary Educator	3	
EDT	296	Teaching in the Elementary School ³		3
EDT	320	Reading and Language Arts ³		4
EDT	325	Social Studies in Elementary School ³		3
EDT	326	Mathematics and Science in Elementary School ³		4
EDT	360	Literature for Children and Adolescents	3	
EDT	391	Language Development		2
EDT	393	Counseling Parents of Handicapped Children	3	
EDT	394	Behavior Management	3	
EDT	480 or 490	Introductory course for DH-MH or SLD ¹	3	
			<hr/>	<hr/>
			15	16
Senior Year				
EDT	419	Philosophy of Education	3	
EDT	481	Assessment of the Special-Needs Learner	3	
EDT	482 or 494	Special Methods ¹	3	
EDT	483	Multihandicapped ⁴		2
EDT	484	Advanced Behavior Management ⁴	2	
EDT	487	Career Education for Handicapped	2	
EDT	—	Student Teaching (485, 488, or 495) ⁵		12
—	—	General Education requirement	3	
—	—	Elective		3
			<hr/>	<hr/>
			16	17

¹Field experiences are arranged by the University. Register also for EDT 100.

²See General Education Requirements, Chapter V. Some Humanities base and Thematic clusters requirements are specified in the program; others are to be chosen from the listing of approved courses. Consult advisor and checksheets.

³EDT 296, 320, 325, and 326 must be taken concurrently. Field experience is required. Special education students seeking elementary certification must also take EDT 382.

⁴MH majors only.

⁵Students will have seminar on campus once a week.

KINDERGARTEN-PRIMARY EDUCATION (EKP)

The Department of Teacher Education administers the program for kindergarten-primary education (E7) to teach grades K-3, which leads to the Bachelor of Science in Education.

In order to do student teaching and be recommended for certification, the student must earn an overall quality-point average of at least 2.5.

Endorsement of a standard Kindergarten-Primary Certificate is available for Reading and Typing/Keyboarding; validation is available for Pre-Kindergarten.

Checksheets of course requirements are available in the Department of Teacher Education, C-114, and the School of Education, C-104. The suggested four-year schedule of courses is similar to that shown for the Elementary Education Program, E1.

SECONDARY EDUCATION (EDS)

The Department of Teacher Education administers the program in secondary education (E2), which leads to the Bachelor of Science in Education and high school certification (grades 7-12).

A student in the Secondary Education Program is required to have either (1) two teaching fields, usually with a minimum of 33 semester hours in the principal teaching field and a minimum of 30 semester hours in the second teaching field; or (2) a single comprehensive field totaling a minimum of 60 semester hours. In order to do student teaching and be recommended for certification, the student must earn an overall quality point average of at least 2.5; plus a cumulative point average of 2.5 for professional education courses and for each teaching field in which certification is sought. Students must verify "good moral character," and be finger printed, and pass a state mandated Praxis II exit exam.

Secondary education teaching fields include the following:

Art	Journalism
Biological Science	Mathematics
Bookkeeping and Basic Business	Physical Education
Chemistry	Physics
Computer Science	Political Science
Drama/Theater	Psychology/Sociology
Earth Science	Religious Studies ¹
Economics	Sales
English	Speech/Communication
General Science	Stenography and Typing/
Health Education	Keyboarding
History	

Comprehensive fields include the following:

Business Education	Social Studies
Communications	Vocational Business Education
Science	

Endorsement of a Standard Secondary (High School) Certificate is available for Reading and Typing/Keyboarding.

Checksheets for each field are available in the Department of Teacher Education, C-114, and the School of Education, C-104.

¹Not a state of Ohio certification area.

PROGRAM E2: SECONDARY EDUCATION (EDS)

Dept.	No.	Course	Semester Hours	
			1st Term	2nd Term
		First Year		
EDT	109	Personal Aspects of Teaching	0	
EDT	110	The Profession of Teaching ¹		3
ENG	101-102	College Composition I and II	3	3
HST	102	History of Western Civilization Since 1715	3	

MTH	102	Fundamentals of Mathematics	3	
PHL	103	Introduction to Philosophy	3	
REL	103	Introduction to Religion		3
—	—	Teaching field		3-4
—	—	Physical or health education elective	1	
—	—	General Education requirements ²	3	3
			16	15-16
Sophomore Year				
EDT	200	History of Education Since 1789 ³		3
EDT	207	Child and Adolescent in Education	3	
EDT	208	Teaching and Learning ¹		3
CMM	101	Fundamentals of Oral Communication	3	
—	—	Teaching field	9	9
—	—	Physical or health education elective	1	
—	—	General Education requirement ²		3
			16	18
Junior Year				
EDT	351	School, Self, and Society ¹	3	
EDT	469	Reading in the Content Areas ^{1,4}		2-3
—	—	Teaching field	11	12
—	—	General Education requirements ²	3	3
			17	17-18
Senior Year				
EDT	318	Human Relations in Education ⁶	2	
EDT	419	Philosophy of Education ⁶		3
EDT	420	Student Teaching—Secondary ⁵		12
—	—	Special methods in teaching field ^{1,6}	4	
—	—	Teaching field and/or electives	6	3
			12	18

¹Field experiences are arranged by the University. Register also for EDT 100.

²See General Education Requirements, Chapter V. Some humanities base and thematic clusters requirements are specified in the program; others are to be chosen from the listing of approved courses. Consult advisor and teaching-field checksheets.

³Some teaching fields have alternate courses; see checksheets.

⁴Students with teaching fields in English and communications take 3 sem. hrs.

⁵Students will have seminar on campus once a week.

⁶EDT 318, 419, and special methods in teaching field should be taken concurrently.

MUSIC EDUCATION

The Department of Teacher Education cooperates with the Department of Music to offer certification K-12, through the E11A Program. See MUS, Chapter VI.

SPECIAL PROGRAMS K-12

The Department of Teacher Education administers the program for specials (E6) to teach grades K-12, which leads to the Bachelor of Science in Education.

A student in the Special K-12 Program is required to have one teaching field totalling a minimum of 45 semester hours. In order to do student teaching and be

recommended for certification, the student must earn an overall quality point average of at least 2.5, pass the Praxis I (P.P.S.T.). At the end of the program, in order to be certified, students must pass an exit exam, Praxis II, verify "good moral character" and be finger printed.

Special teaching fields include the following:
Visual Art (EAR), with three concentrations available:
Commercial Design Photography Studio Art
Foreign Language (ELA), with three concentrations available:
French German Spanish
Music Education (K-12) is also available through the E11A Program. Endorsement of a standard Special Certificate is available for Reading and Typing/Keyboarding.

Checksheets for each field are available in the Department of Teacher Education, C-114, and the School of Education, C-104. The suggested four-year schedule of courses is similar to that shown for the Secondary Education Program, E2.

ENDORSEMENTS AND VALIDATIONS

Following are requirements for endorsements and validations. For each, the student must meet all the requirements in addition to satisfying the requirements for a standard teaching certificate.

READING (ENDORSEMENT): Valid for grades specified in standard certificate.

EDT 320	Reading and Language Arts (including field experience at appropriate level)	4
EDT 360	Literature for Children and Adolescents	3
EDT 468	Diagnosis of Reading Difficulties (including field experience at appropriate level)	4
EDT 469	Reading in the Content Areas (including field experience)	3

TYPING/KEYBOARDING (ENDORSEMENT): Valid for grades specified in standard certificate.

Six sem. hrs. (9 qtr. hrs.) of typing/keyboarding.
NOTE: Courses *must* be taken at another institution and a transcript provided.

PRE-KINDERGARTEN (VALIDATION)

EDT 219	Kindergarten-Primary Instruction	3
EDT 250	Introduction to Early Childhood Education	3
EDT 319	Instructional Materials K-3	3
EDT 470	Pre-Kindergarten Instruction	3
EDT 471	Student Teaching—Pre-Kindergarten	3
	Electives	6

NOTE: This validation is available for only the following certification fields:
Kindergarten-Primary
Elementary
Education of the Handicapped

CERTIFICATION FOR STUDENTS IN ARTS AND SCIENCES AND BUSINESS ADMINISTRATION

PROGRAM E11A: B.A. or B.S. WITH TEACHER CERTIFICATION

PROGRAM E11B: B.S. in BUSINESS ADMINISTRATION WITH TEACHER CERTIFICATION

Students in the College of Arts and Sciences or in the School of Business Administration may enroll in the Department of Teacher Education's Secondary Education Program without transferring to the School of Education. For requirements in professional education courses and in teaching fields consult the chairperson of the Department of Teacher Education.

Enrollment in these programs (E11A for students matriculating in the College of Arts and Sciences; E11B for students matriculating in the School of Business Administration) is subject to the same admission requirements, counseling, maintenance of a unified system of records, screening, and other professional provisions standard for regular students of the School of Education working toward the B.S. in Education. These include passing the Preprofessional Skills Test; maintaining an overall average of 2.5; completing field-clinical and student teaching hours (300 each); taking the comprehensive National Teacher Examinations (NTE); and being in good academic standing at the University.

In order to finish in four years, a student in the College of Arts and Sciences or the School of Business Administration will need to process an application for admission to the Secondary Education Program no later than the third semester and begin the professional education sequence. Failure to enroll on time may necessitate going beyond the normal four years in order to qualify for teacher certification and graduation. The requirements for the College of Arts and Sciences (Chapter VI) or the School of Business Administration (Chapter VII) and those of the School of Education must be completed before any degree is granted.

When the proper course requirements have been completed, the student may register for student teaching, provided that the application for student teaching is duly processed at the beginning of the semester directly prior to the one during which student teaching will take place and that the student has passed the normal screening procedure.

When all the requirements for teacher certification are completed, the student should make application for the standard State Teaching Certificate through the official recommending officer of the School of Education, C-104.

FACULTY

Roberta Weaver, *Chairperson*

Gordon Fuchs, *Assistant Chairperson*

Thomas J. Lasley, *Joseph J. Panzer, S.M. Chair in Teacher Education*

Professors Emerita: Petit, Frye

Professors: Fuchs, Geiger, Joseph, Losito, Watras

Associate Professors: Biddle, De Luca, Hart, Hunn, Rowley, Sudzina, Weaver

Assistant Professors: Adams, Carlsen, Egnor-Brown, Giebelhaus, Lackner,

Talbert-Johnson, Tillman

Lecturers: Landers, Neff

Part-time Instructors: Torge, Gay

Field Experience Coordinators: Coy, Werbrich

COURSES OF INSTRUCTION

EDT 100. FIELD-BASED EXPERIENCES: Planned, supervised, and evaluated activities in urban, suburban, or rural schools. Students register for this course in conjunction with appropriate courses in the professional education sequence. Objectives are identified in the Field-Based and Clinical Experiences section of the Student Handbook. *No credit*

EDT 109. PERSONAL ASPECTS OF TEACHING: General introduction to education and the University. Identification of students' personal values, goals, motives, and strengths in light of the qualities and requirements of effective teaching. *No credit*

EDT 110. THE PROFESSION OF TEACHING: Study of the principal teacher behaviors that facilitate learning and those that stand in its way. Emphasis on aspects of learning theory and their application to the teaching and learning process. Clinical and field experiences (24 and 20 hrs.). *3 sem. hrs.*

EDT 207. CHILD AND ADOLESCENT IN EDUCATION: Study of the empirical principles of intellectual, moral, physical, personality, and social development as related to performance in the classroom. Interpretations for appropriate generic teaching behaviors and developmental causes of behavior problems. Clinical experience (20 hrs.). Prerequisite: EDT 110 or permission. *3 sem. hrs.*

EDT 208. TEACHING AND LEARNING: Study of the empirical principles of learning such as reinforcement, discovery, motivation, and transfer. Interpretations for generic teaching behaviors especially in diagnosis, prescription, and evaluation. Clinical and field experience (10 and 20 hrs.). Prerequisite: EDT 207. *3 sem. hrs.*

EDT 219. KINDERGARTEN-PRIMARY INSTRUCTION: Planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching children on the kindergarten-primary levels. Clinical and field experience (10 and 20 hrs.). Prerequisite: EDT 208, EDT 250 *3 sem. hrs.*

EDT 250. INTRODUCTION TO EARLY CHILDHOOD EDUCATION: Study of the development of children from birth through age eight, including psychology of learning; cultural, economic, governmental, and social factors that affect family and child. Field experience (10 hrs.). Prerequisite: EDT 207 or permission. *3 sem. hrs.*

EDT 290. MAINSTREAMED HANDICAPPED STUDENTS: Study of special-needs learners and the learning problems and difficulties they face in the mainstreamed classroom; resources and curricular modifications; instructional strategies that facilitate learning in the regular classroom. Clinical experience (10 hrs.). Prerequisite: EDT 207. *3 sem. hrs.*

EDT 296. TEACHING IN THE ELEMENTARY SCHOOL: Study of the role of the teacher in the classroom including classroom management and human relations, lesson planning, assessment, instructional methods and media, and evaluation of teaching. Clinical experience (30 hrs.). Prerequisite: EDT 208. Corequisites: EDT 320, 325, 326, 382. *3 sem. hrs.*

EDT 300. HISTORY OF EDUCATION SINCE 1789: Study of the relationship of schools and social changes in Europe and America from the French Revolution to the present (in order to determine if schools advance social justice.) Prerequisites: HST 102 or permission. *3 sem. hrs.*

EDT 318. HUMAN RELATIONS IN EDUCATION: Study and development of the human relations skills that promote learning and democratic classroom interaction and management regardless of race, political affiliation, religion, age, sex, socio-economic status, or exceptionality. Clinical experience (15 hrs.). Prerequisite: EDT 208.

2 sem. hrs.

EDT 319. INSTRUCTIONAL MATERIALS—K-3: Study of psychological principles that should guide instructional material selection; examination, development, and evaluation of materials for kindergarten-primary teaching. Clinical experience (20 hrs.). Prerequisite: EDT 219.

3 sem hrs.

EDT 320. READING AND LANGUAGE ARTS: Foundations of teaching reading. Planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching reading and language arts to students with varied needs and abilities. Clinical and field experience (14 and 48 hrs.). Prerequisite: EDT 208. Corequisites: EDT 296, 325, 326, 382.

4 sem. hrs.

EDT 325. SOCIAL STUDIES IN ELEMENTARY SCHOOL: Planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching social studies to students with varied needs and abilities. Clinical and field experience (12 and 30 hrs.). Prerequisite: EDT 208. Corequisites: EDT 296, 320, 326, 382.

3 sem. hrs.

EDT 326. MATHEMATICS AND SCIENCE IN ELEMENTARY SCHOOL: Planning diagnosis, instructional methods, materials, and evaluation techniques for teaching mathematics and science to students with varied needs and abilities. Clinical and field experience (20 and 36 hrs.). Prerequisite: EDT 208. Corequisites: EDT 296, 320, 325, 382.

4 sem. hrs.

EDT 331. TEACHING RELIGION: Planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching religion to students with varied needs and abilities. Prerequisites: REL courses, junior standing.

3 sem. hrs.

EDT 351. SCHOOL, SELF, AND SOCIETY: Study of the relationship among institutional reform, personality development, and social change in order to determine if schools advance social justice; comparison of rural, urban, and suburban schools and social settings; study of the laws and policies affecting the education of handicapped students. Field and clinical experience (34 and 6 hrs.). Prerequisite: EDT 208 or permission.

3 sem. hrs.

EDT 360. LITERATURE FOR CHILDREN AND ADOLESCENTS: Study of children's books to develop critical standards for judgment. Guidance in selection of books for specific needs, interests, and reading abilities in eight genres; techniques for use in the classroom. Preschool through senior high school levels. Clinical experience (6 hrs.). Prerequisite: EDT 208 or permission.

3 sem. hrs.

EDT 382. ART AND MUSIC IN ELEMENTARY SCHOOL: Curriculum, planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching art and music to students with varied needs and abilities. Clinical experience (20 hrs.). Prerequisite: VAE 101. Corequisites: EDT 296, 320, 325, 326.

3 sem. hrs.

EDT 390. INTRODUCTION TO EXCEPTIONALITIES: Study of the special-needs learner for majors in Education of the Handicapped Program. Definition, etiology, characteristics, and educational options. Field and clinical experience (20 and 10 hrs.). Prerequisite: EDT 290.

3 sem. hrs.

EDT 391. LANGUAGE DEVELOPMENT: Study of language development in children with implications for the special-needs learner including alternative communication modes, sign language, communication boards, and augmentative devices. Clinical experience (10 hrs.). Prerequisite: EDT 290 or 390. *2 sem. hrs.*

EDT 393. COUNSELING PARENTS OF HANDICAPPED CHILDREN: Theory and techniques to help teachers work with parents to improve home-school relationships and to develop parent-teacher partnerships. Prerequisite: EDT 390. *3 sem. hrs.*

EDT 394. BEHAVIOR MANAGEMENT: Principles and methods of observing, recording, measuring, and managing human behavior with emphasis for students with mental retardation, learning disabilities, and behavior disorders. Prerequisite: EDT 290 or 390. *3 sem. hrs.*

EDT 404. BUSINESS EDUCATION IN SECONDARY SCHOOL: Planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching business to students with varied needs and abilities. Field and clinical experience required. First term. Prerequisite: EDT 351. *4 sem. hrs.*

EDT 405. ENGLISH AND SPEECH IN SECONDARY SCHOOL: Planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching English and speech to students with varied needs and abilities. Field and clinical experience required. First term. Prerequisite: EDT 351. *4 sem. hrs.*

EDT 406. SOCIAL STUDIES IN SECONDARY SCHOOL: Planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching history, sociology, political science, psychology, and other social studies to students with varied needs and abilities. Field and clinical experience required. First term. Prerequisite: EDT 351. *4 sem. hrs.*

EDT 407. SCIENCE IN SECONDARY SCHOOL: Planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching the biological and physical sciences to students with varied needs and abilities. Field and clinical experience required. First term. Prerequisite: EDT 351. *4 sem. hrs.*

EDT 408. FOREIGN LANGUAGE TEACHING: Planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching Latin and modern foreign languages in elementary and secondary schools to students with varied needs and abilities. Field and clinical experience required. First term. Prerequisite: EDT 351. *4 sem. hrs.*

EDT 409. MATHEMATICS IN SECONDARY SCHOOL: Planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching all levels of mathematics to students with varied needs and abilities. Field and clinical experience required. First term. Prerequisite: EDT 351. *4 sem. hrs.*

EDT 410. STUDENT TEACHING—KINDERGARTEN-PRIMARY: Full-time supervised and evaluated teaching in a K-3 setting. Student is to demonstrate the knowledge, skills, attitudes, and values required of a beginning K-3 teacher. Weekly seminar. Prerequisites: EDT 219, 296, 319, 320, 325, 326, 382. *6-10 sem. hrs.*

EDT 413. STUDENT TEACHING—ELEMENTARY: Full-time supervised and evaluated teaching for a full semester in an elementary school. Student is to demonstrate the knowledge, skills, attitudes, and values required of a beginning elementary school teacher. Weekly seminar. Prerequisites: Formal admission to student teaching a full semester in advance; EDT 290, 296, 320, 325, 326, 382. *9-12 sem. hrs.*

EDT 414. STUDENT TEACHING—OUTDOOR EDUCATION: Full-time supervised and evaluated teaching in an outdoor education facility. Student is to demonstrate the knowledge, skills, attitudes, and values required of a beginning outdoor education teacher. Prerequisite: Student teaching in major program area. *3 sem. hrs.*

EDT 419. PHILOSOPHY OF EDUCATION: Study of normative principles including the Marianist perspective; analysis of philosophical concepts related to education. Interpretations for the development of a critical and humane theory of teaching. Prerequisite: EDT 320 or 351. *3 sem. hrs.*

EDT 420. STUDENT TEACHING—SECONDARY: Full-time supervised and evaluated teaching in content area junior or senior high school classroom. Student is to demonstrate the knowledge, skills, attitudes, and values required of a beginning secondary teacher after completion of a 65-hr. on-site clinical experience. Weekly seminar. Prerequisites: Formal admission to student teaching a full semester in advance, methods course. *12 sem. hrs.*

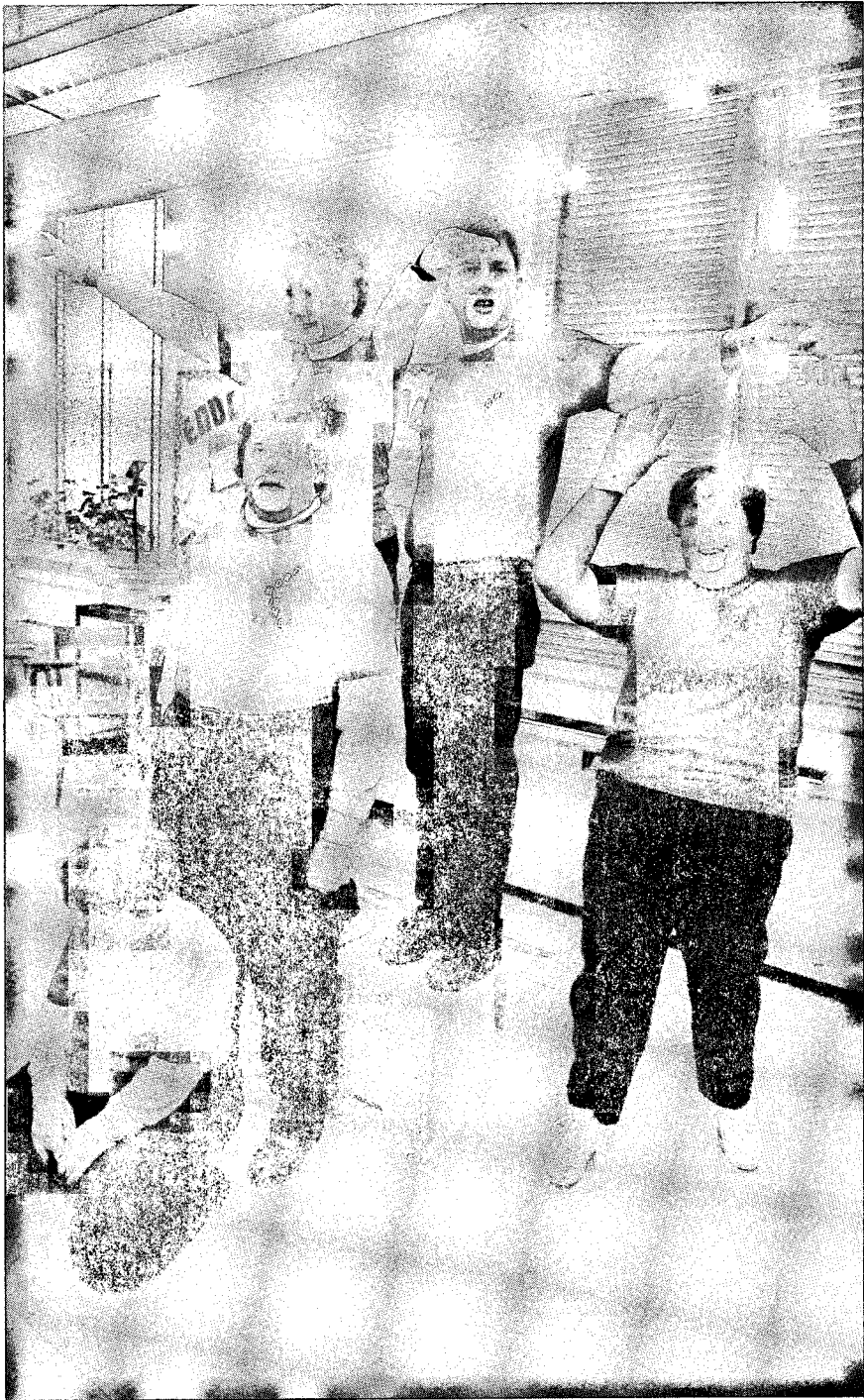
EDT 421. STUDENT TEACHING—ART K-12: Full-time supervised and evaluated teaching in art classes in elementary and secondary grades. Student is to demonstrate the knowledge, skills, attitudes, and values required of a beginning teacher after completion of a 65-hr. on-site clinical experience. Weekly seminars. Prerequisites: Formal admission to student teaching a full semester in advance, methods course. *12 sem. hrs.*

EDT 422. STUDENT TEACHING—MUSIC K-12: Full-time supervised and evaluated teaching in music classes in elementary and secondary grades. Student is to demonstrate the knowledge, skills, attitudes, and values required of a beginning music teacher after completion of a 65-hr. on-site clinical experience. Weekly seminar. Prerequisites: Formal admission to student teaching a full semester in advance; methods courses. *12 sem. hrs.*

EDT 423. CATHOLIC PHILOSOPHY OF EDUCATION: Study of normative principles and analyses of concepts related to Catholic education. Interpretations for the development of a theory of teaching compatible with Catholicism. *3 sem. hrs.*

EDT 424. STUDENT TEACHING—LANGUAGES K-12: Full-time supervised and evaluated teaching of foreign languages in both elementary and secondary classes. Student is to demonstrate the knowledge, skills, attitudes, and values required of a beginning foreign language teacher after completion of a 65-hr. on-site clinical experience. Weekly seminar. Prerequisites: Formal admission to student teaching a full semester in advance, EDT 408. *12 sem. hrs.*

EDT 431. AUDIO-VISUAL INSTRUCTION: Study of supporting learning theory and techniques of integrating audio-visual equipment and materials into curriculum and teaching methods; demonstration lessons for selected content areas. *2 sem. hrs.*



EDT 437. VOCATIONAL BUSINESS CONTENT AND METHODS: A qualifying course for vocational business certification. Study of the objectives, curriculum, student-teacher relationship, community needs, equipment, facilities, public relations, youth groups, advisory committees, vocational reports, and PRIDE. Prerequisites: EDT 404, comprehensive business education. *4 sem. hrs.*

EDT 438. VOCATIONAL BUSINESS SUPERVISED FIELD EXPERIENCE: Application of classroom theory concerning business and office skills in actual practice in the community. May be repeated with permission of instructor. *1 sem. hr.*

EDT 440. SPECIAL TOPICS IN TEACHING: Study of specialized areas in teaching not normally investigated fully in professional education sequence. Topics are announced. *1-3 sem. hrs.*

EDT 451. COMPUTERS IN EDUCATION: Introduction to the uses of computers in education including an examination of data management and applications in various content areas and at various levels. *3 sem. hrs.*

EDT 452. TECHNIQUES IN HOSPITAL INSTRUCTION: Planning, instructional methods (i.e., formal classes, clinical work, on-the-job training), materials, and evaluation techniques for providing instruction to adult learners in hospitals and other allied health facilities. *2 sem. hrs.*

EDT 454. HISTORY OF EDUCATION IN THE UNITED STATES: Study of the relationship of schools and social changes in the United States from colonial times to the present. Interpretations of changes in educational policies and practices for the development of a critical theory of education. *3 sem. hrs.*

EDT 456. INDEPENDENT STUDY: Study of selected topics in teaching. Student develops an individual learning plan that includes objectives, schedule of activities, products, and methods of evaluation. Prerequisite: Permission of chairperson or assistant chairperson. *1-3 sem. hrs.*

EDT 458. CAREER EDUCATION—COMMUNITY INVOLVEMENT: Curriculum, planning, instructional methods, materials, and evaluation techniques for facilitating career awareness and choices in students with varied needs and abilities; special emphasis on use of community resources. *3 sem. hrs.*

EDT 461. ADVANCED COMPUTERS IN EDUCATION: Design of instruction using computers in the classroom. LOGO and word-processing skills presented and developed. Prerequisite: EDT 451 or permission. *3 sem. hrs.*

EDT 462. METHODS—COMPUTERS IN EDUCATION: Techniques in teaching the use of microcomputers for problem solving in the classroom and in serving as a microcomputer consultant in schools. Clinical experience (10 hrs.) Prerequisite: EDT 461. *3 sem. hrs.*

EDT 465. DISCIPLINE SKILLS IN THE CLASSROOM: Study of selected theories and strategies to improve student behavior for academic success. *2-3 sem. hrs.*

EDT 468. DIAGNOSIS OF READING DIFFICULTIES: Study of formal and informal diagnostic tests and procedures for identifying reading strengths and weaknesses with applications for reading programs. Field experience (36 hrs.). First term. Prerequisite: EDT 320. *4 sem. hrs.*

EDT 469. READING IN THE CONTENT AREAS: Study of reading problems and techniques for teaching vocabulary and reading skills in various content areas. Clinical experience (8 hrs.); plus field experience (24 hrs.) for secondary education majors. Prerequisite: Elementary education majors EDT 320. *1-3 sem. hrs.*

EDT 470. PRE-KINDERGARTEN INSTRUCTION: Study of the organization and structure of pre-kindergarten programs including working with parents, laws and regulations, operational strategies, and teaching methods and materials. Field and clinical experience (5 and 10 hrs). Prerequisite: EDT 250. *3 sem. hrs.*

EDT 471. STUDENT TEACHING—PRE-KINDERGARTEN: Full-time supervised and evaluated teaching in a pre-kindergarten. Student is to demonstrate the knowledge, skills, attitudes, and values required of a beginning pre-kindergarten teacher. Weekly seminar. Prerequisites: EDT 410 or 413; 470. *3 sem. hrs.*

EDT 478. COMPARATIVE EDUCATION: Study of educational systems in selected countries. Appropriate comparisons of systems of education in Marxist countries and those in democratic countries. Special projects. *3 sem. hrs.*

EDT 480. PSYCHOLOGY AND EDUCATION OF THE MENTALLY RETARDED: Study of identification, characteristics, learning theories, and curriculum planning appropriate to the handicapped. Field experience (40 hrs.). Prerequisite: EDT 390. *3 sem. hrs.*

EDT 481. ASSESSMENT OF THE SPECIAL-NEEDS LEARNER: Study of the multi-disciplinary use of assessment devices and techniques in the diagnosis, planning, and evaluation of the special-needs learner and the development of individual educational plans. Clinical experience (30 hrs.). Prerequisite: EDT 480 or 490. *3 sem. hrs.*

EDT 482. CURRICULUM AND METHODS—MR: Curriculum development, instructional materials, and evaluation techniques and individual programming for the MR student. Clinical experience (10 hrs.). Prerequisite: EDT 480. *3 sem. hrs.*

EDT 483. MULTIHANDICAPPED: Curriculum, planning, diagnosis, instructional methods, materials, and evaluation techniques for teaching the pre-school to adult multihandicapped. Clinical experience (10 hrs.). Prerequisites: EDT 394, 480. *2 sem. hrs.*

EDT 484. ADVANCED BEHAVIOR MANAGEMENT: Study of principles and methods of dealing with the hard-to-manage student. Clinical experience (10 hrs.). Prerequisites: EDT 394, 480. *2 sem. hrs.*

EDT 485. STUDENT TEACHING—DH: Full-time supervised and evaluated teaching in a DH classroom. Student is to demonstrate the knowledge, skills, attitudes, and values required of a beginning DH teacher. Weekly seminar. Prerequisite: EDT 482. *12 sem. hrs.*

EDT 486. CURRENT INNOVATIONS IN EDUCATION: Presentation, examination, and evaluation of recent trends in curriculum and instructional strategies in elementary and secondary schools. *3 sem. hrs.*

EDT 487. CAREER EDUCATION FOR HANDICAPPED: Theory and techniques of job classification, assessment, selection, placement, and activities related to work experience from pre-school to adult. Prerequisite: EDT 480 or 490. *2 sem. hrs.*

EDT 488. STUDENT TEACHING—MH: Full-time supervised and evaluated teaching in an MH classroom. Student is to demonstrate the knowledge, skills, attitudes, and values required of a beginning MH teacher. Weekly seminar. Prerequisite: EDT 482. EDT 484 recommended. *12 sem. hrs.*

EDT 490. EDUCATING STUDENTS WITH SLD: Study of history, identification, characteristics, learning theories, and curriculum planning appropriate to the education of students with specific learning disabilities. Field and clinical experience (10 and 20 hrs.). Prerequisite: EDT 390. *3 sem. hrs.*

EDT 491. VALUES CLARIFICATION AND MORAL DEVELOPMENT: Examination and evaluation of the theories and techniques of clarifying values and facilitating moral development in students with varied needs and abilities. *3 sem. hrs.*

EDT 494. DIAGNOSTIC TEACHING IN SLD: Instructional strategies, materials, and evaluation techniques for teaching students with learning disabilities. Field experience (20 hrs.). Prerequisite: EDT 490. *3 sem. hrs.*

EDT 495. STUDENT TEACHING—SLD: Full-time supervised and evaluated teaching in an SLD classroom. Student is to demonstrate the knowledge, skills, attitudes and values of a beginning SLD teacher. Prerequisites: EDT 394, 494. *12 sem. hrs.*

EDT 498. HONORS THESIS: Selection design, investigation, and completion of an independent, original research thesis under guidance of a faculty research director. Restricted to students in the University Honors Program with permission of the program director. *3 sem. hrs.*

*General Education course. See Chapter V.

