

Update '81-2

**A Supplement
to the IUSB
1980-2 Bulletin**

**Indiana
University
at South Bend**

Supplement to IUSB 1980-82 Bulletin

Certain changes in information contained in the 1980-82 IUSB Bulletin will affect students enrolled in the 1981-82 academic year. Changes of broad interest to IUSB students are contained in this Supplement. Other changes affecting majors in campus departments and divisions can be obtained from departmental and divisional offices. Students beyond the University Division should check with divisional offices for such information.

Note especially the changes in student fees contained in this Supplement.

All page references are to the 1980-82 IUSB Bulletin.

IUSB Fees -- 1981-82

Effective with the Fall semester, 1981, certain IUSB fees are different from those shown in the 1980-82 Bulletin. The following fee information substitutes for that found on pages 14 and 15 of that Bulletin and on other pages as noted:

Application Fee

The nonrefundable application fee is \$20 rather than \$15 as cited on pages 12 and 14 of the Bulletin. (Foreign students: \$30.)

Basic Costs

The estimate of expenses for in-state undergraduates attending IUSB for an academic year is now approximately \$1,275.

Deferred Payment

A cancelled enrollment will not be reinstated after the end of the sixth full week of classes.

Schedule of Fees, 1981-82

	Rates per Credit Hour	
	<u>In-State</u>	<u>Out-of-State</u>
Undergraduate	\$32.50	\$76.00
Graduate	\$42.50	\$90.50

Late Program Change Fee -- \$15.

Refund of Student Fees

When a student withdraws from a course or courses, a refund of fees paid will be made for each course involved, as follows:

<u>Time of Withdrawal</u>	<u>Amount of Refund</u>
<u>Fall & Spring Semesters</u>	
During 1st week of classes or through Drop/Add	100%
During 2nd week of classes	75%
During 3rd week of classes	50%
During 4th week of classes	25%
During 5th week of classes and thereafter	Nothing

Summer Session - 6 weeks

(Pro-rata adjustment for shorter or longer sessions to be determined by the Treasurer)

During 1st week of classes or through Drop/Add	100%
During 2nd week of classes	50%
During 3rd week of classes and thereafter	Nothing

Recording Fee (see page 20)

Undergraduate transfer students who earn credit by examination at IUSB will be assessed a recording fee of \$10 per credit hour.

Transcripts (page 20)

The fee for transcripts of credits, after the initial free transcript, is \$3.

Education Placement Services (page 116)

The IU Educational Placement Services fee is \$6.

Application for Student Teaching (page 117)

A special fee of \$60 in addition to the regular per credit hour fee is charged for student teaching.

Labor Studies Refund Policy (page 152)

The refund schedule is the same as that shown above.

Independent Study Courses (page 153)

Independent Study University course fees are \$32.50 per credit hour.

Special Credit by Examination (page 153)

Credit-by-examination fees for undergraduate transfer students during their first regular semester will be \$10.

Applied Music Special Fees (page 161)

The applied music fees are \$60 per semester, \$30 for summer session. The fee for special examinations is \$10.

Nursing Credit for Experience, by Examination (page 180)

The recording fee is \$10 per credit hour for credit awarded in recognition of a current nursing license and for credit earned through examination.

SPEA Application Fee (page 185)

A nonrefundable application fee of \$20 is assessed SPEA applicants who have not previously attended Indiana University.

Arts and Sciences

DIVISIONAL REQUIREMENTS FOR BACCALAUREATE DEGREES

Change:

General degree requirement number (5), p. 36:

(5) At least 26 hours of the work of the senior year and at least 10 hours above the 100-level in the major subject (not necessarily during the senior year) normally must be completed while in residence at Indiana University at South Bend. The 10 hours in the major subject must be taken in courses approved by the major department.

CULTURAL STUDIES

Women's Studies

Add:

Minor in Women's Studies (p. 50)

The minor in Women's Studies enables students to work closely with faculty advisors from the interdisciplinary Arts and Sciences Women's Studies Committee, receiving academic advising and planning a program which complements their major field of study.

The minor consists of a minimum of 15 hours, including the six credit hour "core" requirement and 9 additional hours drawn from the following list of existing courses taught in other departments and approved by the Women's Studies Committee. (New courses may be added to the list in the future pending approval by the Women's Studies Committee.)

I. Core courses (Both are required. It is suggested that these 2 courses be taken first.)

- | | | |
|---------|---|--------|
| 1. B250 | Interdisciplinary Analysis of Women's Roles | 3 hrs. |
| 2. W200 | Women in Contemporary Society | 3 hrs. |

II. Recommended courses (At least 2, but preferably 3, courses from A or B below must be taken.)

A. Non-variable topic courses

- | | | |
|---------|------------------------------------|--------|
| 1. P460 | Women: A Psychological Perspective | 3 hrs. |
|---------|------------------------------------|--------|

- | | | |
|---------|-------------------------------|--------|
| 2. S310 | Sociology of Women in America | 3 hrs. |
| 3. S338 | Sociology of Sex Roles | 3 hrs. |

B. Variable topic courses (These courses will fulfill the minor requirements only when the topic is a Women's Studies area, as in the following titles:)

- | | | |
|--------------|--|--------|
| 1. L102 | Freshman Literature II: Women in Literature | 3 hrs. |
| 2. H225/H425 | (Special) Topics in History: History of Women in America | 3 hrs. |
| 3. T483 | Topics in Theatre & Drama: Contemporary Plays By and About Women | 3 hrs. |

III. Elective courses (Only one of the following may be taken as part of the 9 elective hours of the minor.)

- | | | |
|---------|--|--------|
| 1. S164 | Marital Relations and Sexuality | 3 hrs. |
| 2. S316 | Sociology of the Family | 3 hrs. |
| 3. E430 | Kinship Organization | 3 hrs. |
| 4. L649 | Contemporary British Fiction: Man's World, Woman's Place (Variable Topic, applicable only when focus is on Women's Studies area) | 3 hrs. |

The minor is an interdisciplinary program administered by the Women's Studies Committee.

DEPARTMENT OF ENGLISH

Change:

Major in English with Concentration in Writing (p. 52)

Requirements:

1. 30 Hours above the 100-level: 15 hours in literature; 15 hours in writing, excluding W131.
2. Literature: 2 courses from among the following: L202, L203, L204, L205, L206; at least 3 courses above the 200 level, emphasizing 19th- and 20th-Century Literature, and selected with the approval of the major's advisor.
3. Writing: 15 hours of course work in poetry, fiction, scriptwriting, journalism, expository writing, or editing, selected with approval of the major's advisor.

4. Oral Presentation: Each writing major, in cooperation with an advisor, shall undertake an independent study project of a particular writer, period, or genre, and shall in the senior year give an oral presentation of the project results. Satisfactory completion of the Senior Seminar will satisfy the Oral Presentation requirement. If so used, the Senior Seminar may not also be used to satisfy other stated requirements for the English Writing major.
5. Students electing the Writing Major should declare their intention on the designated form and arrange a conference with the English Department chairperson.
6. In addition to the program requirements, the department recommends a course in linguistics or grammar.
7. The department strongly urges the writing student to seek a breadth of experience by exploring academic fields beyond the major program.

Add:

FILM STUDIES (p. 55)

Minor in Film Studies

The emphasis of the minor in Film Studies is on film as one of the humanities, and on the substantive and scholarly aspects of film (theory, criticism, aesthetics, and history). To obtain a minor a student must take at least 15 hours of film courses, including:

- 1) One course chosen from the following general introductory courses:

C190 An Introduction to Film
H218 History of the Motion Picture
L295 American Film Culture

- 2) At least four additional courses selected from the following:

a) English Department

L295 American Film Culture
L300 Literature and Film
L395 English Film Culture
R307 Film Production
C391 Authorship in Cinema
C493 Film Adaptation of Literature

b) Communication Arts Department

C290 Film Criticism

c) History Department

H218 History of the Motion Picture

C393 / 394 History of European and American Film

R366 Soviet Film

d) General

C190 An Introduction to Film

The minor is an interdisciplinary program administered by the Film Studies Committee.

DEPARTMENT OF FINE ARTS

Add:

Minor in Fine Arts (p. 55)

The minor in Fine Arts consists of a total of 18 credit hours, distributed as follows: 6 hours of basic courses (S105, Introduction to Design, and S135, Introduction to Drawing); 6 hours of advanced courses in drawing, sculpture, printmaking, or oil painting; and 6 hours in art history, A101 and A102). Students must consult with the chairman of the department before pursuing the minor.

DEPARTMENT OF MATHEMATICS

Change:

Minor in Mathematics (p. 64)

Students considering a minor in Mathematics should consult the chairman of the Department of Mathematics.

The core requirement for a Mathematics minor is:

M215-216 Analytic Geometry and Calculus I-II

Students who are required by their major programs to take calculus should start with M215 rather than M119 if they wish to leave open the possibility of a Mathematics minor. Any requirement (e.g., Business, Biology) which specifies M119 will be satisfied equally well by M215.

The further requirements for the minor are:

M303	Linear Algebra and Applications	3 hrs.
	Mathematics elective (above M303 level)	3-5 hrs.
	Mathematics elective (above M303 level)	3 hrs.

For those students particularly interested in computer science, these three courses may be replaced by suitable courses in computer science, with the approval of the chairman of the department.

DEPARTMENT OF PHILOSOPHY

Change:

Minor in Philosophy (p. 65)

At least 15 hours in courses offered by the Department of Philosophy are required for the minor in Philosophy. The department recommends that at least 3 of these credit hours be in a course in the history of philosophy and that 3 credit hours be in a course in either metaphysics or epistemology.

DEPARTMENT OF POLITICAL SCIENCE

Change:

Minor in Political Science (p. 68)

Students wishing to earn a minor in Political Science should consult with an advisor in the department. They must complete 15 hours in political science courses, of which no more than 6 hours may be at the 100 level. Generally, the department recommends that students complete at least one course in each of the following subareas: American government, political theory, and international and comparative politics.

DEPARTMENT OF PSYCHOLOGY

Change:

Minor in Psychology (p. 70)

Students planning to minor in Psychology should consult the department chairman for approval of their plans. A minor in Psychology consists of at least 15 credit hours in Psychology.

Requirements:

1. P103 or P106
2. One course from the following: P111, P211, or P354
3. Three additional courses above the 100 level, including at least one from Area A and one from Area B. (See Bulletin for a list and descriptions of Area A and B courses.)

RELIGIOUS STUDIES

Add:

Minor in Religious Studies (p. 72)

A student minoring in Religious Studies must earn 15 hours of credit, including:

One course on religion in general; for example,

- R160 Introduction to Religion in Culture
- H200 The Comparative History of Religion
- R360 Comparative Study of Religious Phenomena
- P371 Philosophy of Religion

One course on the Judaeo-Christian tradition; for example,

- R152 Introduction to Religions in the West
- P202 Medieval to Modern Philosophy
- R210 Religion of Ancient Israel
- R220 The Christian Church in New Testament Times
- B354 The Reformation

One course on non-Western religion; for example,

- R153 Religions of the East
- P372 Indian Philosophy
- P374 Chinese Philosophy

Two additional courses focusing on religion to be chosen either from the above groups or from courses such as:

- R336 Religion in America
- X336 Religion and the History of Science
- R472 Religion, Morals, and Politics

At least 6 hours must be in courses offered at the 200-level or above. The student must have a faculty advisor approved by the Committee. The minor is an interdisciplinary program administered by the Religious Studies Committee.

DEPARTMENT OF SOCIOLOGY

Add:

Minor in Sociology (p. 72)

Students majoring in a field other than Sociology may complete a minor which concentrates in an applied area of Sociology. Students interested in pursuing such a minor must register their intentions with the Department of Sociology and formally consult with a faculty advisor before completing three courses in the program.

The requirements of the minor are 15 credits in Sociology courses offered by the department (i.e., at least 5 courses). These courses must consist of:

- (1) S161 Principles of Sociology
- (2) S268 Seminar in Applied Social Research: Qualitative Methods
- (3) Three additional courses, one of which must be a 400 level course, chosen from a subarea within the department in consultation with a faculty advisor. Appropriate subareas include crime and delinquency, family and domestic life, human services, health and medicine, work in organizations. Other subareas may be planned with approval of a faculty advisor.

DIVISION OF EDUCATION

P. 116 - EDUCATION WRITING EXAMINATION

In 1979 the Division of Education faculty established a written communication examination as one of the requirements for admission to the Teacher Education Program. Each student is required to demonstrate satisfactory proficiency in the use of written English on this examination in order to take Education courses and to pursue Indiana teacher certification in the Division of Education. The intent of this requirement is to identify prospective Education students who need assistance in improving their written communication skills as well as to insure the competence in English usage of teachers completing our professional program.

The writing examination is to be taken by all Education students no later than the semester in which they are enrolled in Education P250-F201. (A complete statement of admission requirements can be found on pages 115-116 of the 1980/82 Bulletin.)

P. 130 - D GRADES NOT ACCEPTED TOWARD M.S. DEGREE OR SPECIFIED COURSES IN B.S. AND CERTIFICATION PROGRAMS

In April 1981, the Division of Education faculty adopted the following policy regarding the use of D grades in Education programs:

- 1) The Division of Education at IUSB will not accept D grades earned at IUSB, or at any institution, for credit towards a graduate degree.
- 2) The Division will not accept a D grade in the student's concentration area(s) for either a baccalaureate degree or teacher certification program.

For students majoring in SECONDARY/MIDDLE SCHOOL EDUCATION the rule applies to 1) professional education, 2) major (primary) and 3) minor (supporting) courses.

For students majoring in SPECIAL EDUCATION, the rule applies to 1) professional education and 2) major courses.

For students majoring in ELEMENTARY EDUCATION, the rule applies to professional education courses.

SUBSTITUTE FOR PAGES 118 AND 119

ELEMENTARY EDUCATION (UNDERGRADUATE)

The following program descriptions are written under the guidelines of the Rules 46-47 Teacher Education and Certification Handbook, which goes into effect in 1978.

COURSE REQUIREMENTS FOR A STANDARD ELEMENTARY TEACHER CERTIFICATE.

The listings in the following groups of courses will meet the general education and certification credit-hour requirements (minimum total of 24 credit hours) for the B.S. degree in Elementary Education. All programs and courses are subject to change and/or deletion pending final approval.

1. GENERAL EDUCATION (70 HOURS)

- A. ARTS (10 HOURS) HOURS
- Fine Arts H100 Art Appreciation..... 3
 - Music M174 Appreciation of Music..... 3
 - Education M323 Teaching of Music..... 2
 - Education M333 Art in Elem. School..... 2

- B. LANGUAGE ARTS (18-20 HOURS)
- English L101 or L102 Freshman Literature..... 3-4
 - English W131 Elementary Composition..... 3-4
 - or L141 & 142 Introduction to Writing & The Study of Literature (8)
 - English W231 Professional Writing Skills..... 3
 - Communication S425 Speech Training for Teachers or S121 Public Speaking..... 3
 - English G205 Introduction to English Language... 3
 - English L390 Children's Literature..... 3

- C. MATHEMATICS (9 HOURS)
- Mathematics T101 Mathematics for Elementary Teachers I..... 3
 - Mathematics T102 Mathematics for Elementary Teachers II..... 3
 - Mathematics T103 Mathematics for Elementary Teachers III..... 3

- D. SCIENCES (11-13 HOURS)
- Biology T100 (4) Biology for Elementary Teachers or L100 (5) Man & The Biological World..... 4-5
 - One course selected from:
 - Chemistry C100 (5) Chemistry
 - Physics T100 (4) Physics for Elementary Teachers or P100 (5) Physics in the Modern World
 - Astronomy A100 (3) The Solar System or A105 (3) Stellar Astronomy..... 3
 - One course selected from:
 - Geology G111 (3) Elements of Geology
 - Geography G107 (3) Physical Systems of the Environment
 - Geography G315 (3) Environmental Conservation... 3

- E. SOCIAL STUDIES (12 HOURS)
- One course selected from:
 - History B391 (3) or B392 (3) Studies In World History for Teachers
 - H101 or H102 The World in the 20th Century I & II
 - H103 or H104 Europe Since 1500 I & II..... 3
 - One course selected from:
 - History H105 (3) or H106 (3) American History
 - A355 (3) or A356 (3) Afro American History
 - A314 (3) or A315 (3) Contemporary U.S. History
 - A361 (3) or A362 (3) Studies in American History for Teachers..... 3
 - One course selected from:
 - Sociology S161 (3) Principles of Sociology
 - S230 (3) Society & The Individual..... 3
 - One course focusing on contemporary issues selected from Economics, Government, Sociology, or Anthropology..... 3

F. DIRECTED ELECTIVES (6-10 HOURS)

Sufficient hours to total 70 hours

Electives must always include the following:

1. Special Education K205 (3) Introduction to Exceptional Children..... 3
2. One course selected from:
 - Speech S160 (3) Speech Correction for Teachers
 - Home Economics H231 (3) Human Nutrition Health, Physical Educ. & Recreation
3. Sufficient General Education hours to total 70

2. PROFESSIONAL EDUCATION (40 HOURS)

- Education F201 Exploring Personal Demands of Teaching¹..... 2
- Education P250 Educational Psychology..... 2
- Education P251 Educational Psychology for Elementary Teachers..... 1
- Education M310 General Methods..... 2
- Education R301 Audiovisual Production Techniques... 1
- Education H340 Education In American Culture¹..... 3
- Education E339 Methods of Teaching Language Arts².. 2
- Education M301 Laboratory/Field Experience-Reading and Language Arts..... 1
- Education E340 Methods of Teaching Reading I²..... 3
- Education E341 Methods of Teaching Reading II²..... 3
- Education E325 Social Studies in the Elementary Schools..... 2
- Education M401 Laboratory/Field Experience-Methods¹..... 1
- Education E328 Science in Elementary Schools²..... 2
- Education E343 Mathematics In the Elementary School²..... 2
- Education E485 Principles of Elementary Education.. 2
- Education R303 Audiovisual Equipment Operation..... 1
- Education M425 Student Teaching in the Elementary School³..... 9

3. ELECTIVES OR SUBJECT CONCENTRATION (14 HOURS)

Sufficient additional courses to total 124 hours. It is recommended that the student obtain a minor or endorsement.

¹ These courses require time spent in public schools during the school day.
² Prerequisite: Education F201-F202, P250-P251 and M310. The students must make at least a grade of C in each.
³ Student teaching must be taken during the senior year after completion of methods course(s).

Junior High/Middle School (Undergraduate)

- Page 119 Social and Behavioral Sciences
Change it to read "courses in social and behavioral sciences"
not physical sciences.
- Page 120 Professional Education
Add K205 Introduction to Exceptional Children (3 hrs.).
Delete R302 Audiovisual Selection of Materials (1).
Change minimum from 33 hours to 35 semester hours.
- Page 120 Foreign Language - French
Delete F222 (3)
Change F313 or F314 to read F313 and F314.
- Foreign Language - Spanish
Change from minimum of 24 to 26 hours.
Change S325 4 hours to 3 hours.
Add S411 Spanish Culture and Civilization (3 cr.) or S412
Latin American Culture and Civilization (3 cr.)
- Page 121 Language Arts
Add G205 (3) to read G301 or G302 or G405 or G205 Introduction
to the English Language

Secondary Education (Undergraduate)

- Page 122 Social and Behavioral Sciences
Change it to read "courses in social and behavioral sciences"
not physical sciences.
- Professional Education
Add K205 Introduction to Exceptional Children 3 hrs.
Delete R302 Audiovisual Selection of Materials 1 hr.
Change minimum from 31 semester hours to 33 semester hours.
- Page 122 English
Add W203 Creative Writing to be included as an option with W301
or W303 or W401 or W403.
- Foreign Language - German
Change: minimum of 39 hours to 38 hours.
Change: G325 to 3 credits.
- Foreign Language - Spanish
Change: minimum of 39 hours to 38 hours.
Change S325 to 3 credits.
- Page 123 Foreign Language - Spanish
Change minimum of 39 hours to 38 hours.
Change S325 from 4 hours to 3 hours.
- Page 125 Foreign Language - German minor
Change minimum of 27 hours to 26 hours.
Change G325 from 4 hours to 3 hours.
- Foreign Language - Spanish minor
Change minimum from 24 hours to 26 hours.
Change S305 or S306 to S305 (3) AND S306 (3)
Change S325 from 4 hours to 3 hours.

Special Education (Undergraduate)

Page 127 - Language Arts - Change to read S425 Speech Training or S121 Public Speaking.

Social Studies

Change to one course selected from:

History B391 (3) or B392 (3) Studies in World History for Teachers I or II

History H101 (3) or H102 (3) The World in the 20th Century I & II.

History H103 (3) or H104 (3) Europe Since 1500 I & II

Page 129 - Reading minor

Electives - add K205 Introduction to Exceptional Children (3) to the list of electives

INDIANA UNIVERSITY SCHOOL OF NURSING: BS DEGREE IN NURSING

To be eligible for certification to the junior year of the baccalaureate nursing major, generic (basic) students must meet the following criteria: (This does not apply to registered nurse students.)

- 1) Cumulative grade point average of at least 2.0 on a 4.0 scale in all college work attempted.
- 2) Completion of all prerequisites with a grade of C or above in each course listed below prior to the beginning of professional nursing courses in junior year.
- 3) File an application for certification to the baccalaureate major in nursing during the last semester of pre-nursing course work.

Plan to have all pre-nursing course work completed prior to the beginning of professional nursing courses in the junior year. Students who have completed all pre-nursing courses listed below by the end of Spring semester (rather than summer school) will have priority in certification to the junior year.

Admission to the nursing program is highly selective and competitive. Applicants will be placed in rank order (high to low) based upon grade point average in specified prerequisite courses.

Applications for certification may be submitted between January 1 and April 15. If certified, students begin professional nursing courses the following fall semester.

REQUIRED PRE-NURSING COURSES (all students)

Elementary English Composition I	ENG W131	3 cr. hr.
Freshman Literature I	ENG L101	3 cr. hr.
or		
Freshman Literature II	ENG L102	3 cr. hr.
Public Speaking	SPCH S121	3 cr. hr.
Introduction to Philosophy	PHIL P100	3 cr. hr.
or		
Elementary Ethics	PHIL P140	3 cr. hr.
Elementary Logic	PHIL P150	3 cr. hr.

General Psychology	PSY P103	3 cr. hr.
Principles of Sociology	SOC S161	3 cr. hr.
Culture & Society	ANTH A104	3 cr. hr.
Life Span Development	PSY P216	3 cr. hr.
Elementary Human Anatomy	BIOL A210	5 cr. hr.
Elementary Human Physiology	BIOL P204	5 cr. hr.
*Elementary Chemistry II	CHEM C102-C122	5 cr. hr.
+Microbial Cell Biology	BIOL M250	3 cr. hr.
and Microbiology Lab	BIOL M255	2 cr. hr.
**Pharmacology	NURS B216	3 cr. hr.
**Normal & Therapeutic Nutrition	NURS B215	3 cr. hr.
++Introduction to Nursing Research	NURS R300	2 cr. hr.
++Health & Society	NURS B203	3 cr. hr.
Electives	— —	9 cr. hr.

*C101 - Inorganic Chemistry and C121 - Inorganic Chemistry lab is a required pre-requisite to C102-C122. However, students who have completed one year of algebra and one year of chemistry in high school may take a Chemistry Proficiency Exam for placement in C102. Students who do not pass this exam will be required to enroll in C101 and C121. Students without chemistry in high school must enroll in C101 and C121. A knowledge of algebra is essential for successful completion of Inorganic Chemistry. Basic algebra, M014 is available. Credit for M014 may not be used toward a degree.

+Prerequisites for M250 are an introductory biology course and a general chemistry course.

**Prerequisite: Elementary Chemistry II (C102-C122), Human Anatomy (A210) and Human Physiology (P204).

++200-300 level nursing courses--should be taken during the last year of the completion of prerequisite work. The professional courses in nursing in the junior and senior years are based on general education prerequisites.

RATIONALE FOR PREREQUISITE COURSES

The faculty of the School of Nursing believes that the student should be aware of the content and design of the professional curriculum and also cognizant of the reasons for including stated courses. The School of Nursing operates on the concept that the humanities, liberal arts and sciences completed in the first two years provide the foundation upon which nursing courses are designed that produce

a professional practitioner of nursing.

English Composition: provides experiences in developing, presenting and supporting ideas in proper grammatical writing style.

Literature assists the student to read for thoughtful critique. The masterpieces represent a recording of some of life's greatest moments as seen through the eyes of sensitive artists. Literature reflects social influences, aesthetic values and psychological dilemmas.

Public Speaking: assists the student in organizing thoughts and presenting them logically and verbally to an audience.

Philosophy: Philosophy is the art of reason; reason is the attempt to put what is perceived about life phenomena together, and "make sense of it all" in a manner that is satisfactory to him/herself; one has a feeling of knowing who he or she is, what he or she is about and where he or she is going. This sense of assurance is one of the major sources of human power.

Ethics: encourages focusing on similarities and differences in approach to major issues, and values identification and clarification that eventually applies to professional behavior and commitment.

Logic: assists in the development of critical thinking skills, and provides the opportunity to practice inductive and deductive reasoning. This process provides the basic for problem solving.

Anthropology: cultural diversity is characteristic of all populations with whom nurses interact. A knowledge of the influence of culture on behaviors is essential to understanding and working with people.

Sociology: encourages focus on inter-societal networks from the dyad to community. Understanding of social influences on human development is facilitated.

Psychology: provides a beginning understanding of human behavior with psychological basis, serves as the foundation for understanding clients in health sciences, and helps one be aware of self behavior as it relates to other factors.

Life Span Development: provides the student with an opportunity to gain knowledge and understanding relative to factors influencing the progression of an individual's growth and development throughout the life span.

Anatomy: provides the student with information about the basic structure of the human body.

Physiology: assists in the development of an understanding of body systems and functions of those parts.

Chemistry: provides a beginning knowledge of the chemical basics of physiology - acid-base, pH, Krebs cycle, nutrition and the definition and principles of organic and biochemistry.

Microbiology: provides the opportunity to gain basic knowledge of cellular physiology, principles of asepsis and principles of immunology.

Pharmacology: provides the base for integrating pharmacology into the upper division major.

Nutrition: normal nutrition is the base for understanding therapeutic nutrition. Knowledge of normal and therapeutic nutrition is integrated into nursing practice. Furthermore, a knowledge of a variety of beliefs about foods and their values are needed by nursing students as they deal with people and their beliefs.

Nursing Research: introduces the baccalaureate student to the basics of the research process and elementary statistics. Makes students aware of research papers and articles and of what to look for to critically analyze and evaluate the validity of research.

Health & Society: provides the opportunity to gain knowledge, to enhance the role as consumer of health care, to gain a beginning awareness of a health care provider, to enhance communication skills in relating to others as either a health care consumer or a health care provider.

Electives: 9 credit hours.

UPPER DIVISION NURSING COURSES ARE IN THE PROCESS OF BEING DEVELOPED.

