UNIVERSITY FACULTY SENATE

SUMMARY OF AGENDA

March 3, 1986

I. ADOPTION OF THE AGENDA

II. APPROVAL OF THE MINUTES: February 3, 1986

III. REMARKS BY PRESIDENT TRABANT and/or PROVOST CAMPBELL

IV. ANNOUNCEMENTS

1. Senate President Soles

ANNOUNCEMENTS FOR CHALLENGE

1. Revision of existing majors in the College of Human Resources: Textiles and Clothing: Technology; Coordinated Undergraduate Program Dietetics (CUD); Dietetics; and Food Science (B.S.).

2. Revision of existing major requirements in the Civil Engineering curricula in the College of Engineering, and in the Five Year Program with the College of Arts and Science.

V. OLD BUSINESS

A. Resolution to revise the section on harassment in the Student Code of Conduct.

VI. NEW BUSINESS

A. Introduction of new business.
University of Delaware

UNIVERSITY FACULTY SENATE
301 HULLIHEN HALL
NEWARK, DELAWARE 19716

February 14, 1986

TO: All Faculty Members

FROM: Raymond A. Callahan, Vice President
University Faculty Senate

SUBJECT: Regular Faculty Senate Meeting, March 3, 1986

In accordance with Section IV, paragraph 6 of the Constitution, the regular meeting of the University Faculty Senate will be held on Monday, March 3, 1986 at 4:00 p.m. in room 110 Memorial Hall.

AGENDA

I. Adoption of the Agenda.

II. Approval of the minutes of the Senate meeting of February 3, 1986.

III. Remarks by President Trabant and/or Provost Campbell.

IV. Announcements

1. Senate President Soles

Announcements for Challenge

1. Revision of existing majors in the College of Human Resources: Textiles and Clothing: Technology; Coordinated Undergraduate Program Dietetics (CUD); Dietetics; and Food Science (B.S.). (Attachment 1)

2. Revision of existing major requirements in the Civil Engineering curricula in the College of Engineering, and in the Five Year Program with the College of Arts and Science. (Attachment 2)

V. Old Business

A. Resolution from the Committee on Student Life (John Beer, Chair) to revise the section on harassment in the Student Code of Conduct: [Note: This issue was tabled at the February 3, 1986 Senate meeting.]
WHEREAS: the present Student Code of Conduct does not specifically mention harassment based on religion (except anti-Semitism), political beliefs, disability, or homosexuality, and

WHEREAS: in the past two years several individuals and informal organizations have harassed lesbian and homosexual students, therefore be it

RESOLVED: that the Code of Conduct section on disruptive conduct (4B) be changed to read, "Harassment: deliberately acting with intent to harass any member or guest of the University community. This includes but is not limited to acts of racism, sexism or harassment based on religion, political beliefs, sexual orientation or disability."

[The present policy on disruptive conduct in the Student Code of Conduct reads as follows:]

4. Disruptive Conduct

   Acting to impair, interfere with or obstruct the orderly conduct, processes and functions of the University.

   A. Violence or threat of violence against self or any member of guest of the University community.

   B. Harassment: Deliberately acting with intent to harass any member or guest of the University community. This includes, but is not limited to, acts of racism, sexism and anti-Semitism.

   C. Interference with freedom of movement of any member or guest.

   D. Interfering with the rights of others to enter, use, or leave any University facility, service, or activity.

   E. Interference with the freedom of speech of any member or guest of the University.

   F. Trespassing or unauthorized entry.

VI. New Business

   A. Such items as may come before the Senate. (No motion introduced at this time may be acted upon until the next meeting of the Senate.)

rg

Attachment: Committee Activities Report

1. Revision of existing majors in the College of Human Resources: Textiles and Clothing: Technology; Coordinated Undergraduate Program Dietetics (CUD); Dietetics; and Food Science (B.S.)

2. Revision of existing majors in the Civil Engineering curricula in the College of Engineering, and in the Five Year Program with the College of Arts and Science
COMMITTEE ACTIVITIES REPORT

ACADEMIC CEREMONIES, COMMITTEE ON (C. Roy Rylander)

Preliminary bulletins of information for students, faculty and professionals regarding the May 31 and June 1 convocation and commencement are being prepared for distribution.

BEVERAGE ALCOHOL, UNIVERSITY COMMITTEE TO REGULATE THE USE OF (Steven Hastings)

No items pending before the Committee.

GRADUATE STUDIES, COMMITTEE ON (Jeffrey Raffel)

1. Considering Sociology Department proposal for MA/Ph.D. in Criminology.
2. Reviewing course approvals.
3. Considering the offering of graduate courses by units without graduate programs.
4. Reviewing proposal to restructure masters' programs in Occupational Education and Home Economics.
5. Considering sustaining fee for all graduate students.

LIBRARY COMMITTEE (George Basalla)

Meeting scheduled for Committee on 2/17/86.

NOMINATING COMMITTEE (Jerry Beasley)

Considering volunteers/nominees for Senate officers/committee vacancies.

PROMOTIONS AND TENURE, COMMITTEE ON (Dewey M. Caron)

Actively reviewing dossiers of candidates from the several colleges.

STUDENT AND FACULTY HONORS, COMMITTEE ON (Ralph Ferretti)

1. Discussion of procedures and subcommittee responsibilities for selecting recipients for the Excellence in Teaching awards.
2. Selection of subcommittee to oversee Honors Day procedures.

UNDERGRADUATE ADMISSIONS AND STANDING, COMMITTEE ON (William Ritter)

Reviewing undergraduate admission standards.

UNDERGRADUATE STUDIES, COMMITTEE ON (Robert F. Brown)

1. Reviewing policies regarding cross-listing of courses.
2. Discussing possible problems with double-listing of 400 and 600-level courses.
3. Discussing a University-wide multi-cultural course requirement.
# SUMMARY OF CHANGES IN FOUR MAJORS: COLLEGE OF HUMAN RESOURCES

## BSHR - Dietetics Major

<table>
<thead>
<tr>
<th>Revisions</th>
<th>Old Requirements</th>
<th>New</th>
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<tbody>
<tr>
<td>Psychology elective</td>
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<tr>
<td>PSY 201 Gen. Psychology</td>
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<tr>
<td>Principles of Learning elective:</td>
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<td>EDS 209 Psych. Foundations of Education</td>
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<td>PSY 312 Learning &amp; Motivation</td>
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<td>HR electives</td>
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## BSHR - Coordinated Undergraduate Program in Dietetics

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<tr>
<td>Principles of Learning elective:</td>
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<tr>
<td>EDS 209 Psych. Foundations of Education</td>
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<td>PSY 312 Learning &amp; Motivation</td>
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<tr>
<td>FSN 445 Nutrition Education</td>
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## BSHR - Food Science Major

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<td>AEC 608</td>
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<td>FSN 429</td>
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<td>FSN 449</td>
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<td>Electives</td>
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## BSHR - Textiles & Clothing: Technology Major

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<tbody>
<tr>
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<td>6 cr</td>
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<tr>
<td>TDC 495 Topics in Textiles</td>
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</tbody>
</table>
### Degree: Bachelor of Science in Human Resources

#### Major: Textiles and Clothing: Technology

**University Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>E 110</td>
<td>Critical Reading and Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major Requirements**

**External to the College**

**Humanities**

- English Writing course
- COM 255 Fundamentals of Communication
- Humanities course selected from Art, Art History, Communication (except 320, 321), English, Language, Literature, Music, Philosophy, Theatre.

**Mathematics Courses**

- Mathematics courses 6
- PS 101 Introduction to Physics 4
- PS 201 General Physics 4
- Social Sciences 3
- EC 151 Introduction to Microeconomics 3
- PSY 201 General Psychology 3
- SOC 201 Introduction to Sociology 3
- History course 3
- Social Science course selected from Cultural Anthropology, Black American Studies, Business Administration 359 or 321; Criminal Justice, Economics, Agricultural Economics 120, Economic and Social Geography, History, American Studies 300, or Political Science, Psychology, Sociology, Individual and Family Studies 401.
- Other 1
- BU 301 Introduction to Marketing 5
- CIS 105 General Computer Science 3

* Superior figures indicate year or years in which the course is normally taken, i.e., freshman year, sophomore year etc.

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### Suggested Curriculum

**Within the College**

- FSN course
- IFS course
- Human Resources electives

**Within the Department**

- TDC 115 Textiles and Clothing in Contemporary Living
- TDC 214 Costume History Before 1700
- TDC 224 Clothing Design and Production Since 1700
- TDC 200 Consumer Economics
- TDC 315 Textile Analysis
- TDC 425 Textile Performance

**College of Human Resources**

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<td>TDC 465</td>
<td>Seminar</td>
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<td>TDC 466</td>
<td>Independent Study</td>
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<tr>
<td>TDC 484</td>
<td>Topics in Textiles</td>
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<tr>
<td>TDC 494</td>
<td>Electives</td>
<td>25-34</td>
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</table>

* May include Military Science, Music, or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music organization credits may be counted toward the degree and four credits 100- and 200-level courses in Military Science/Air Force.)

**Credits to Total a Minimum of** 129
DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES
MAJOR: DIETETICS

SUGGESTED CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

E 110 Critical Reading and Writing 3

MAJOR REQUIREMENTS

External to the College

Humanities
Minimum of nine credits selected from
Arts, Art History, Communication (except 320, 321), English, Languages, Literature,
Music, Philosophy, Theatre.

Sciences
C 101 General Chemistry 4
or
C 103 General Chemistry 4
C 102 General Chemistry 4
or
C 104 General Chemistry 4
C 213 Elementary Organic Chemistry 4
C 214 Elementary Biochemistry 3
C 216 Elementary Biochemistry Laboratory 4
B 207 Introductory Biology 1 4
B 371 Introduction to Microbiology 4
B 406 Human Physiology 3
B 416 Human Anatomy and Physiology Laboratory 4

Social Sciences
EC 151 Introduction to Microeconomics 3

SUGGESTED CURRICULUM CREDITS

Within the Department

A minimum grade of C must be achieved for credits to count toward the fulfillment of the requirements. A minimum grade of C in 200-level courses must be achieved to proceed to upper-level courses; only 500-level courses and a maximum of four credits of Special Problems/Independent Study (FSN 466) may count toward the fulfillment of this requirement. Note: FSN 150, FSN 167 and FSN 305 are not applicable to degree requirements.

FSN 200 Nutrition Concepts 5
FSN 201 Food Management for the Consumer 2
FSN 211 Food Management Laboratory 1
FSN 305 Food Science 3
FSN 309 Principles of Nutrition 3
FSN 321 Quantity Food Production and Service 3

Eleven credits are needed to complete the major, including a minimum of 30 credits in courses numbered 200 or above.

FSN 325 Laboratory in Quantity Food Production and Service 1
FSN 322 Food Service Systems Management 4
FSN 411 Advanced Nutrition 2
FSN 421 Nutrition Research Methods 2
FSN 440 Nutrition and Disease 4

FSN courses 3

ELECTIVES

May include Military Science, Education, Physical Education, (Only two credits of activity-type Physical Education and four credits of Music organization credits may be counted toward the degree and four credits of 100- and 200-level courses in Military Science/Army) 2

CREDITS TO TOTAL A MINIMUM OF 129
DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES
MAJOR: COORDINATED UNDERGRADUATE DIETETICS

UNIVERSITY REQUIREMENTS
E 110 Critical Reading & Writing 3

MAJOR REQUIREMENTS

External to the College
Humanities
Minimum of nine credits selected from
Art, Art History, Communication (except
320, 321), English, Languages, Literature,
Music, Philosophy, Theatre.

Science
C 101 General Chemistry 4
or
C 103 General Chemistry
C 102 General Chemistry
or
C 104 General Chemistry
C 213 Elementary Organic
Chemistry
C 214 Elementary Biochemistry
C 216 Elementary Biochemistry
Laboratory
B 207 Introductory Biology I
B 208 Introduction to Microbiology
B 406 Human Physiology
B 416 Human Anatomy and
Physiology Laboratory

Social Sciences
EC 151 Introduction to
Microeconomics 3

* Superior figures indicate year or years in which the course is normally taken, i.e., freshman year, sophomore year, etc.

280

SUGGESTED CURRICULUM

Within the Department
Students are eligible to apply for
admission to this major after acceptance
into the University and upon completion
of three semesters of the Dietetics
curriculum.

A minimum grade of C must be achieved
for credit to count toward fulfillment of
FSN 309 Principles of Nutrition
FSN 321 Quantify Food Production
and Service
FSN 322 Food Service Systems
Management
FSN 411 Advanced Nutrition
FSN 440 Nutrition and Disease
FSN 450 Community Nutrition
FSN 331 Coordinated Dietetics I
FSN 332 Coordinated Dietetics II
FSN 450 Coordinated Dietetics III
FSN 470 Coordinated Dietetics IV

Electives
May include Military Science, Music, or
Physical Education. (Only two credits of
activity-type Physical Education and four
credits of Music organization credits may
be counted toward the degree and four
credits of 100- and 200-level courses in
Military Science/Air Force.)

CREDITS TO TOTAL A MINIMUM OF 151
**DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES**

**MAJOR: FOOD SCIENCE**

**UNIVERSITY REQUIREMENTS**
- E 110 Critical Reading and Writing

**MAJOR REQUIREMENTS**

**External to the College**
- Humanities
  - Communication course
  - Humanities courses selected from Art, Art History, Communication (except 390, 391), English, Languages, Literature, Music, Philosophy, Theatre.

** Sciences**
- C 103 General Chemistry
- C 104 General Chemistry
- C 214 Elementary Biochemistry
- C 220 Qualitative Analysis I
- C 221 Qualitative Analysis Laboratory
- PS 201 General Physics
- PS 202 General Physics
- B 207 Introductory Biology I
- B 308 Introductory Biology II
- B 371 Introduction to Microbiology
- C 321 Organic Chemistry
- C 325 Organic Chemistry Laboratory
- C 322 Organic Chemistry
- C 326 Organic Chemistry Laboratory
- C 418 Introductory Physical Chemistry
- C 419 Introductory Physical Chemistry Laboratory

**Other**
- EC 151 Introduction to Microeconomics
- PSY 201 General Psychology
- BU Elective
- Social Science courses selected from Cultural Anthropology, Black American Studies, Business Administration 309 or 321, Criminal Justice, Economics, Agricultural Economics 120, Economic and Social Geography, History, Natural Sciences 300, Political Science, Psychology, Sociology, Individual and Family Studies 401.
- PSY 309 Measurement and Statistics
- M 211 Calculus I
- M 212 Calculus II
- M 241 Analytic Geometry and Calculus A
- M 242 Analytic Geometry and Calculus B
- IFS course
- TDC course

**SUGGESTED CURRICULUM**

**Within the Department**

39

A minimum grade of C must be achieved for credits to count toward the fulfillment of 39 credits in FSN; a minimum grade of C in 200-level courses must be achieved to proceed to upper-level courses; only 50-level courses and a maximum of four credits of Special Problems/Independent Study (FSN 566) may count toward the fulfillment of this requirement. Note: FSN 125, FSN 167 and FSN 505 are not applicable to degree requirements.

- FSN 265 Seminar: Food Science
- FSN 365 Seminar: Food Science
- FSN 409 Food Processing I
- FSN 410 Food Processing II
- FSN 415 Food Process Engineering Technology I

- FSN 416 Food Process Engineering Technology II
- FSN 428 Food Chemistry
- FSN 429 Food Analysis
- FSN 439 Food Microbiology
- FSN 466 Sensors in Food Science
- FSN 484 Fermentation Technology

**ELECTIVES**

- FSN 125 Food Science I
- FSN 167 Food Science II
- FSN 505 Independent Study

**Credits to Total a Minimum of** 132

*Superior figures indicate year or years in which the course is normally taken, i.e., freshman year, sophomore year, etc.*
CIVIL ENGINEERING: SUMMARY OF CHANGES IN MAJOR REQUIREMENTS IN CE CURRICULA IN THE COLLEGE OF ENGINEERING, AND IN THE FIVE YEAR PROGRAM WITH THE COLLEGE OF ARTS AND SCIENCE.

1. Drop B321 as a requirement external to the college. (Some students would still be advised to take it as an elective.)

2. Add CE 381 as a requirement within the department.

3. Make CE 461 a requirement (instead of an elective) within the department.

4. Shift the pairing "CE 402 or CE 403" from the status of a technical elective to that of a requirement within the department.

5. Shift the pairing "CE 431 or CE 432" from the status of a technical elective to that of a requirement within the department.

6. Change the requirement for technical electives from six courses to four courses, and emend the wording of the statement about technical electives as indicated on the attached sheets.

7. Increase the total credits required for the degree from 127 to 131 for CE, and from 157 to 161 for the five year (LAV) program.
COLLEGE: ENGINEERING
DEPARTMENT: CIVIL ENGINEERING
DEGREE: BACHELOR OF CIVIL ENGINEERING
MAJOR: CIVIL ENGINEERING (CE)

SUGGESTED CURRICULUM

<table>
<thead>
<tr>
<th>UNIVERSITY REQUIREMENTS</th>
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<tbody>
<tr>
<td>E 110 Critical Reading and Writing (General Education Group III)</td>
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<table>
<thead>
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<th>Mathematics</th>
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<td>M 241 Analytic Geometry and Calculus A</td>
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<td>M 242 Analytic Geometry and Calculus B</td>
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<td>M 243 Analytic Geometry and Calculus C</td>
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<tr>
<td>M 302 Ordinary Differential Equations I</td>
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<tr>
<td>PS 207 General Physics</td>
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<td>PS 208 General Physics</td>
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| General Education Program (see catalog description) | 18 | X(F) |

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<thead>
<tr>
<th>COLLEGE REQUIREMENTS</th>
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<table>
<thead>
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<th>Major Requirements</th>
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External to the College

| E 410 Technical Writing (General Education Group IV) | 3 | X(S) |

<table>
<thead>
<tr>
<th>Chemistry</th>
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<tr>
<td>C 103 General Chemistry</td>
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<td>C 104 General Chemistry</td>
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<td>CTS 106 General Computer Science for Engineers</td>
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<td>GEO 107 General Geology I</td>
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<tr>
<td>BTS 224 Environmental Biology</td>
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<tr>
<td>ST 450 Statistics for the Engineering and Physical Sciences</td>
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## Suggested Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<th>Typical Sophomore Completes</th>
<th>Typical Junior Completes</th>
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<td>X(F,F,F,S,S)</td>
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**Technical Electives**

- 1 additional course: three courses must emphasize design
- Three courses must emphasize an area of Civil Engineering. Points must be satisfied, see current listings for dept. tech. electives.
- Credits to total a minimum of 31

(F) = FALL SEMESTER  (S) = SPRING SEMESTER

Note: The technical elective program is under constant review by the faculty. An updated list is available in the department office. Students should check with their advisors before selecting courses and should be aware that a formal mechanism exists to provide additional flexibility in selection of their Technical Elective courses.
Area of Concentration: 15

Fifteen credits of Arts and Science electives to be used for acquiring some depth of knowledge in a field chosen by the student in consultation with an Arts and Science adviser.

**ARTS-SCIENCE COURSES COMPLETED**

- \( x(F,S) \)
- \( x(F,F,S) \)
- \( x(F,S,S) \)
- \( x(F,F,S,S) \)

The liberal arts component is listed as 51 credit hours. The absolute minimum required to satisfy the requirements listed above is 45; this assumes that the foreign language requirement is satisfied from high school work, the writing course is in one of the Group A, B, or C, and that nine credits of the Area of Concentration are also from one of the Groups A, B, or C. Thus, students without language skills and concentrating in science or mathematics will need more than 51 credit hours to complete all of these requirements.

**EG-COLLEGE REQUIREMENTS**

- **Mathematics**
  - M 241 Analytic Geometry and Calculus A 4 \( x(F) \)
  - M 242 Analytic Geometry and Calculus B 4 \( x(S) \)
  - M 243 Analytic Geometry and Calculus C 4 \( x(F) \)
  - M 332 Ordinary Differential Equations 3 \( x(S) \)

- **Physics**
  - PS 207 General Physics 4 \( x(F) \)
  - PS 208 General Physics 4 \( x(F) \)

**EG-MAJOR REQUIREMENTS**

- **External to the College**
  - E 122 General Chemistry 4 \( x(F) \)
  - E 124 General Chemistry 4 \( x(S) \)
  - CTS 105 General Computer Science for Engineers 3 \( x(F) \)
  - E 221 Environmental Biology 3 \( x(S) \)
  - ECE 107 General Geology I 4 \( x(F) \)
**COLLEGE:** ARTS AND SCIENCE ENGINEERING  
**DEPARTMENT:** DEPENDENT UPON AREA OF CONCENTRATION - CIVIL ENGINEERING  
**DEGREE:** BACHELOR OF ARTS OR BACHELOR OF SCIENCE - BACHELOR OF CIVIL ENGINEERING  
**MAJOR:** NONE REQUIRED - CIVIL ENGINEERING (LA V)

<table>
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<tr>
<th>SUGGESTED CURRICULUM</th>
<th>CREDITS</th>
<th>1ST YEAR STUDENT COMPLETES</th>
<th>2ND YEAR STUDENT COMPLETES</th>
<th>3RD YEAR STUDENT COMPLETES</th>
<th>4TH YEAR STUDENT COMPLETES</th>
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**Within the College**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
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<tr>
<td>EG 125</td>
<td>Introduction to Engineering (CE)</td>
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**Within the Department**

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<tbody>
<tr>
<td>CE 211</td>
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**Technical Electives**

Additional: 10 credits  
Technical Electives: 16 credits

Note: Students must complete three courses in one area of emphasis and three courses must emphasize an area of Civil Engineering. Points must be satisfied in the current listings for dept. tech. electives credits to total a minimum of 16.

(F) = FALL SEMESTER  
(S) = SPRING SEMESTER

Note: The technical elective program is under constant review by the faculty. An updated list is available in the department office. Students should check with their advisers before selecting courses and should be aware that a formal mechanism exists to provide additional flexibility in selection of their technical elective courses.