School of Applied Human Sciences

(College of Social and Behavioral Sciences)

www.uni.edu/sahs

The School of Applied Human Sciences offers the following undergraduate programs. Specific requirements for these programs are listed within this School of Applied Human Sciences section in the following order:

Undergraduate Majors (B.A.)

- Family Services (p. 1)
- Gerontology (p. 2) (also listed under Interdisciplinary section)
  - Long Term Care
  - Social Sciences
- Interior Design (p. 3)
- Textile and Apparel (p. 3)

Minors

- Family Studies (p. 4)
- Gerontology (p. 5) (also listed under Interdisciplinary section)
- Textile and Apparel (p. 5)

Graduate Major (M.A.)

- Counseling (p. 5)
  - Clinical Mental Health Counseling (p. 5)
  - School Counseling (p. 5)

Bachelor of Arts Degree Programs

Family Services Major

The Family Services major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required

Family Studies:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAM SERV 1010 (31F:010)</td>
<td>Human Identity and Relationships</td>
<td>3</td>
</tr>
<tr>
<td>FAM SERV 1020 (31F:020)</td>
<td>Family Relationships</td>
<td>3</td>
</tr>
<tr>
<td>FAM SERV 1030 (31F:030)</td>
<td>Research Methods in Family Science</td>
<td>3</td>
</tr>
</tbody>
</table>

OR 3 hours social science research methods such as:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 3002 (400:101)</td>
<td>Research Methods</td>
<td></td>
</tr>
<tr>
<td>SW 3185 (450:185)</td>
<td>Social Work Research</td>
<td></td>
</tr>
<tr>
<td>COMM COR 2020 (48C:080)</td>
<td>Communication Research Methods</td>
<td></td>
</tr>
</tbody>
</table>

COMM 4021/5021 (48C:180g) or SOC 2010 (980:108)

Quantitative Research Methods

Research Methods

ELECTIVES CHOOSE 2 FROM EACH GROUP

Group 1: Family Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAM SERV 2054 (31F:054)</td>
<td>Interpersonal Relationship Dynamics</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 2111</td>
<td>Families and End of Life Issues</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3150/5150</td>
<td>Families and Aging</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3162/5162</td>
<td>Issues in Family Policy</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3176/5176</td>
<td>Consumer Behavior Across the Lifespan</td>
<td></td>
</tr>
<tr>
<td>POL AMER 4142/5142</td>
<td>Problems in Juvenile and Family Law</td>
<td></td>
</tr>
</tbody>
</table>

Group 2: Family Skills

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAM SERV 2077 (31F:077)</td>
<td>Management of Family Resources</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3145/5145</td>
<td>Violence in Intimate Relationships</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3155/5155</td>
<td>Parenting</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3160/5160</td>
<td>Family Assessment and Intervention</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3161/5161</td>
<td>Families, Alzheimer's and Related Dementias</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 4157/5157</td>
<td>Human Sexuality Education</td>
<td></td>
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</tbody>
</table>

Senior Experience (Choose Option A or B) 9

Option A

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAM SERV 4195 (31F:195)</td>
<td>Internship in Family Services</td>
<td></td>
</tr>
</tbody>
</table>

Option B:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Additional 9 credits from Groups 1 &amp; 2</td>
<td></td>
</tr>
</tbody>
</table>

Total Hours 48
These courses have additional prerequisites as follows:

- FAM SERV 1055 (31F:055) has a prerequisite of PSYCH 1001 (400:001) or consent of instructor.
- PSYCH 2202 (400:120) has a prerequisite of PSYCH 1001 (400:001).

** FAM SERV 4195 (31F:195) has prerequisite of FAM SERV 4190 (31F:190).

A minimum of 2.40 cumulative grade point average (GPA) and School of Applied Human Sciences (SAHS) approval is required for declaration of this major. Students must maintain at least a cumulative 2.40 GPA and have SAHS approval in order to register for FAM SERV 4190 (31F:190) Professional Practice in Family Services, FAM SERV 4195 (31F:195) Internship in Family Services, and to graduate. Students must achieve a minimum of C (2.00 grade point) in all courses required for the major, including all prerequisites.

### Gerontology Major

The Gerontology major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours. Liberal Arts Core courses included in major program requirements are distinguished by *italics*.

It is suggested students take PSYCH 1001 (400:001), SW 1041 (450:041), and SOC 1000 (980:001) as their Social Sciences area Liberal Arts Core, as these are prerequisites for several of the required courses in this major.

This interdisciplinary program is offered jointly by the College of Social and Behavioral Sciences, the College of Business, the College of Education, and the College of Humanities, Arts and Sciences. It is administered through the School of Applied Human Sciences and under the supervision of the Gerontology Advisory Committee.

### Social Sciences Track

**Required - all of the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAM SERV 1020</td>
<td>Family Relationships</td>
<td>3</td>
</tr>
<tr>
<td>FAM SERV 3150/5150</td>
<td>Families and Aging</td>
<td>3</td>
</tr>
<tr>
<td>FAM SERV/GERO 3161</td>
<td>Families, Alzheimer's and Related Dementias</td>
<td>3</td>
</tr>
<tr>
<td>GERO 4195 (31G:195)</td>
<td>Internship in Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>PH 2630</td>
<td>Aging and Health</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 1001 (400:001)</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3204/5204 (400:173g)</td>
<td>Psychology of Aging</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1000 (980:001)</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3035/5035 (980:125g)</td>
<td>Social Gerontology</td>
<td>3</td>
</tr>
</tbody>
</table>

**End of Life Issues - choose one course from the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAM SERV/GERO 2111</td>
<td>Families and End of Life Issues</td>
<td>3</td>
</tr>
</tbody>
</table>

### Research Methods Course - choose one course from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAM SERV 1030</td>
<td>Research Methods in Family Science</td>
<td>3</td>
</tr>
<tr>
<td>or PSYCH 3002 (400:101)</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>or SOC 2010 (980:108)</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>or RTNL 4330/5330</td>
<td>Research and Evaluation in Recreation, Tourism and Nonprofit Leadership</td>
<td>3</td>
</tr>
</tbody>
</table>

### Development Course - choose one course from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAM SERV 1055 (31F:055)</td>
<td>Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>or PSYCH 2202 (400:120)</td>
<td>Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>or GERO 3192/5192 (31G:192g)</td>
<td>Research in Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>or GERO 4170/5170 (31G:170g)</td>
<td>Long Term Care Administration</td>
<td>3</td>
</tr>
<tr>
<td>or GERO 4184/5184 (31G:184g)</td>
<td>Topics in Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>or GERO 4198 (31G:198)</td>
<td>Independent Study in Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>or INTDSGN 3129 (31I:129)</td>
<td>Interior Design Standards</td>
<td>3</td>
</tr>
<tr>
<td>or PH 3660/5660</td>
<td>Public Health Theory</td>
<td>3</td>
</tr>
<tr>
<td>or RELS 3510/ CAP 3173 (CAP:173)</td>
<td>Bio-Medical Ethics</td>
<td>3</td>
</tr>
<tr>
<td>or SW 4173/5173 (450:173g)</td>
<td>Social Services for Older Adults</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Hours** 42-43

### Long Term Care Administration Track

**Required - all of the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2120 (120:030)</td>
<td>Principles of Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>FAM SERV 3161/5161</td>
<td>Families, Alzheimer's and Related Dementias</td>
<td>3</td>
</tr>
<tr>
<td>or GERO 3161/5161</td>
<td>Families, Alzheimer's and Related Dementias</td>
<td>3</td>
</tr>
</tbody>
</table>
School of Applied Human Sciences

GERO 4170/5170 (31G:170g) Long Term Care Administration 3
GERO 4195 (31G:195) Internship in Gerontology (9 credit hours) 9
PH 2160 Medical Terminology, Short Course 2
PSYCH 1001 (400:001) Introduction to Psychology 3
PSYCH 3204/5204 (400:173g) Psychology of Aging 3
SOC 1000 (980:001) Introduction to Sociology 3
SOC 3035/5035 (980:125g) Social Gerontology 3

Business Electives - choose three courses from the following: 9
ACCT 2130 (120:031) Principles of Managerial Accounting
MGMT 3100 (150:100) Legal and Social Environment of Business
MGMT 3101 (150:101) Business Law
MGMT 3153 (150:153) Organizational Management
MGMT 3905/5905 (150:105g) Employment and Labor Law
MGMT 3966/5966 (150:166g) Staffing and Employee Development

Gerontology Electives - choose one course from the following: 3
FAM SERV 3150/5150 (31F:150g) Families and Aging
GERO/FAM SERV 2111 Families and End of Life Issues
GERO 3192/5192 (31G:192g) Research in Gerontology
GERO 3194/5194 (31G:194g) Problems in Gerontology
GERO 4198 (31G:198) Independent Study in Gerontology
PH 2630 Aging and Health
PH 3660/5660 Public Health Theory
SW 4173/5173 Social Services for Older Adults (450:173g)

Total Hours 44

Note: NHA Iowa requirements - 12 hours health care administration, 6 hours gerontology, 10 hours business plus internship.

Interior Design Major

The Interior Design major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Admission to the University of Northern Iowa with an intended Interior Design major does not guarantee placement in the major due to the limited number of spaces available in the studio facilities.

Required
School of Applied Human Sciences:
INTDSGN 1001 Introduction to Interior Design (31I:065) 3
INTDSGN 1061 Design Foundations (31I:061) 3
INTDSGN 1063 Drafting for Interiors (31I:063) 3
INTDSGN 1065 Design Visualization and Communication 3
INTDSGN 1066 History of Interiors (31I:067) 3
INTDSGN 2063 Computer Applications for Interior Design I (31I:064) 3
INTDSGN 2065 Space Planning and the Human Experience 3
INTDSGN 2069 Materials and Resources for Interior Design 3
INTDSGN 3063 Computer Applications for Interior Design II 3
INTDSGN 3069 Building Systems and Lighting 3
INTDSGN 3129 Interior Design Standards (31I:129) 2
INTDSGN 3151 Residential Design I 3
INTDSGN 3152 Residential Design II 3
INTDSGN 3164 Professional Practice of Interior Design (31I:164) 3
INTDSGN 3165 Professional Preparation in Interior Design 1
INTDSGN 4151 Commercial Design I 3
INTDSGN 4152 Commercial Design II 3
INTDSGN 4153 Commercial Design III 3
INTDSGN 4156 Advanced Design I 1
INTDSGN 4162 Advanced Design II 3
INTDSGN 4195 Internship in Interior Design (31I:195) 4
TEXDSGN 1002 Textile Science (31T:013) 3

Total Hours 62

Textile and Apparel Major

The Textile and Apparel major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required
School of Applied Human Sciences:
TEXDSGN 1000 Fashion Culture and Industry 3
TEXDSGN 1002 (3IT:013) | Textile Science | 3
TEXDSGN 1003 (3IT:012) | Creative Textile and Apparel Design Foundations | 3
TEXDSGN 2004 (3IT:116) | History of Costume | 3
TEXDSGN 2007 (3IT:014) | Apparel Assembly and Technical Design | 3
TEXDSGN 3008 (3IT:100) | Computer Applications for the Textile and Apparel Industry | 3
TEXDSGN 3010 (3IT:124) | Quality Assurance for Textile Materials | 3
TEXDSGN 3011 (3IT:119) | Fashion Trend Analysis | 3
TEXDSGN 3012 (3IT:122) | Fashion Design: Flat Pattern and Draping | 3
TEXDSGN 3013 (3IT:185) | Professional Development: Textile and Apparel | 2
TEXDSGN 4015/5015 (3IT:114g) | Topics in Textile and Apparel | 3
TEXDSGN 4016 (3IT:115g) | Apparel Product Development | 3
TEXDSGN 4195 (3IT:195) | Internship in Textile and Apparel | 4

School of Applied Human Sciences:
Select one of the following:
TEXDSGN 2005 (3IT:121) | Fashion Promotion | 3
TEXDSGN 3009 (3IT:123) | Textile Structures | 3
TEXDSGN 4184/5184 (3IT:184g) | Topics in Textile and Apparel | 3

Business:
BUSINESS 2010 (3IT:195) | Entrepreneurial Fundamentals | 3

Economics:
ECON 1031 (920:024) | Introduction to Economics | 3

Marketing:
MKTG 2110 (130:101) | Principles of Marketing | 3

Select two of the following:
Accounting:
ACCT 2120 (120:030) | Principles of Financial Accounting | 3
Marketing:
MKTG 3113/5113 (130:106g) | Consumer Behavior | 3
MKTG 3166 (130:166) | Retail Management | 3
MKTG 4170/5170 (130:191g) | Marketing Strategy | 3
Management:

* MKTG 4170/5170 (130:191g) has the following prerequisites: MKTG 2110 (130:101); MKTG 3113/5113 (130:106g); MKTG 3116/5116 (130:108g); MKTG 2080 (150:080); STAT 1772 (800:072) or equivalent; ECON 1021 (920:020); ECON 1031 (920:024) or ECON 1041 (920:053); ECON 1011 (920:070); senior standing.

Minors
Family Studies Minor
Required
Family Studies:
FAM SERV 1020 (31F:020) | Family Relationships | 3
FAM SERV 1055 (31F:055) | Human Growth and Development | 3
or PSYCH 2202 (400:120) | Developmental Psychology | 3
FAM SERV 1057 (31F:057) | Human Relationships and Sexuality | 3
FAM SERV 1030 (31F:030) | Research Methods in Family Science | 3
Or 3 hours of social science research methods such as:
PSYCH 3002 (400:101) | Research Methods | 3
SW 3185 (450:185) | Social Work Research | 3
COMM COR 2020 (48C:080) | Communication Research Methods | 3
COMM 4021/5021 (48C:180g) | Quantitative Research Methods | 3
or SOC 2010 (980:108) | Research Methods | 3
Psychology:
PSYCH 1001 (400:001) | Introduction to Psychology | 3
Select three electives from the following: 9
Family Studies:
FAM SERV 1010 (31F:010) | Human Identity and Relationships | 3
FAM SERV 2054 (31F:054) | Interpersonal Relationship Dynamics | 3
FAM SERV 2077 (31F:077) | Management of Family Resources | 3
FAM SERV 2111 | Families and End of Life Issues | 3
or GERO 2111 | Families and End of Life Issues | 3
FAM SERV 3145/5145 (31F:145g) | Violence in Intimate Relationships | 3
FAM SERV 3150/5150 (31F:150g) | Families and Aging | 3
FAM SERV 3155/5155 (31F:155g) | Parenting | 3

Total Hours 60
## Family Assessment and Intervention
FAM SERV 3160/5160
(31F:160g)

Families, Alzheimer's and Related Dementias
FAM SERV 3161
(31F:161g)

Issues in Family Policy
FAM SERV 3162/5162
(31F:162g)

Consumer Behavior Across the Lifespan
FAM SERV 3176/5176
(31F:176g)

Human Sexuality Education
FAM SERV 4157/5157
(31F:157g)

Human Sexuality Education
FAM SERV 4184/5184
(31F:184g)

Independent Study in Family Services
FAM SERV 4198
(31F:198g)

| Total Hours | 24 |

## Gerontology Minor

### Required (15 hrs):

- **FAM SERV 1055** (31F:055)
  - Human Growth and Development
  - 3

  or
  - **PSYCH 2202** (400:120)
    - Developmental Psychology
    - 3

- **PSYCH 1001** (400:001)
  - Introduction to Psychology
  - 3

- **PSYCH 3204/5204** (400:173g)
  - Psychology of Aging
  - 3

- **SOC 1000** (980:001)
  - Introduction to Sociology
  - 3

- **SOC 3035/5035** (980:125g)
  - Social Gerontology
  - 3

### Electives in Gerontology—must take 2

- **FAM SERV 3150/5150** (31F:150g)
  - Families and Aging
  - 3

  or
  - **CSD 1000** (51C:006)
    - Understanding Communication Disorders
    - 3

- **GERO 2111**
  - Families and End of Life Issues
  - 3

  or
  - **FAM SERV 2111**
    - Families and End of Life Issues
    - 3

- **GERO 4170/5170** (31G:170g)
  - Long Term Care Administration
  - 3

- **GERO/FAM SERV 3161**
  - Families, Alzheimer's and Related Dementias
  - 3

- **SW 4173/5173** (450:173g)
  - Social Services for Older Adults
  - 3

- **PH 2630**
  - Aging and Health
  - 3

- **PH 3660/5660**
  - Public Health Theory
  - 3

| Total Hours | 18 |

## Master of Arts Degree Program

### Major in Counseling

The Counseling major is offered with two emphasis areas; Clinical Mental Health Counseling and School Counseling. Program requirements and detailed information on the major, including admission policies and procedures, should be obtained from the School of Applied Human Sciences. Graduate information and application for graduate admission can be found at [www.grad.uni.edu/admission](http://www.grad.uni.edu/admission) (also [www.uni.edu/csbs/sahs/counseling](http://www.uni.edu/csbs/sahs/counseling)).

The Graduate Record Examination (General Test) is not required for admission to the program.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the **thesis** and **non-thesis** options. The Clinical Mental Health emphasis requires a minimum of 60 semester hours for the **non-thesis option**; the School Counseling emphasis requires a minimum of 60 semester hours for the **non-thesis option**. Students who do not have teacher licensure must take **SPED 3150 (220:150)** Meeting the Needs of Diverse Learners in Classrooms to meet Board of Educational Examiners requirements for licensure. The **thesis option** requires an additional 6 hours of COUN 6299 (290:299) Research for either emphasis. A minimum of 20 hours of 200/6000-level course work is required.

<table>
<thead>
<tr>
<th>Electives from the following:</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Textile and Apparel:</td>
<td></td>
</tr>
<tr>
<td><strong>TEXDSGN 1002</strong> (31T:013)</td>
<td>Textile Science</td>
</tr>
<tr>
<td><strong>TEXDSGN 1003</strong> (31T:012)</td>
<td>Creative Textile and Apparel Design Foundations</td>
</tr>
<tr>
<td><strong>TEXDSGN 2007</strong> (31T:014)</td>
<td>Apparel Assembly and Technical Design</td>
</tr>
<tr>
<td><strong>TEXDSGN 3009</strong> (31T:123)</td>
<td>Textile Structures</td>
</tr>
<tr>
<td><strong>TEXDSGN 3010</strong> (31T:124)</td>
<td>Quality Assurance for Textile Materials</td>
</tr>
<tr>
<td><strong>TEXDSGN 3011</strong> (31T:119)</td>
<td>Fashion Trend Analysis</td>
</tr>
<tr>
<td><strong>TEXDSGN 3012</strong> (31T:122)</td>
<td>Fashion Design: Flat Pattern and Draping</td>
</tr>
<tr>
<td><strong>TEXDSGN 4015/501</strong> (31T:114g)</td>
<td>Dress and Human Behavior</td>
</tr>
<tr>
<td><strong>TEXDSGN 4016</strong> (31T:115g)</td>
<td>Apparel Product Development</td>
</tr>
<tr>
<td><strong>TEXDSGN 4184/518</strong> (31T:184g)</td>
<td>Topics in Textile and Apparel</td>
</tr>
</tbody>
</table>

| Total Hours | 21 |

## Textile and Apparel Minor

This minor is offered by the Textile and Apparel program housed in the School of Applied Human Sciences.

### Required

- **Textile and Apparel:**
  - **TEXDSGN 1000**
    - Fashion Culture and Industry
    - 3
All students completing this program must pass the Counselor Preparation Comprehensive Examination (CPCE). Pass scores on the CPCE national examination are based each semester on test results for the national normative data. This examination is based on the 8 CACREP core curriculum areas for counselor preparation. Students are also required to write an essay and pass this component as well. Non-thesis students must successfully complete the final paper and fulfill program-specific exit requirements. The thesis option requires a completed thesis and successful oral defense of the research, in addition to passing the CPCE and meeting program-specific exit requirements.

**Required core courses**

**Counseling:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUN 4105/5105</td>
<td>Counseling Skills</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6103</td>
<td>Professional Orientation and Ethics in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6104</td>
<td>Counseling Theories</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6220 (290:220)</td>
<td>Group Counseling Skills and Processes</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6225 (290:225)</td>
<td>Facilitating Career Development</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6228 (290:228)</td>
<td>Assessment Techniques in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6254 (290:254)</td>
<td>Counseling Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6256 (290:256)</td>
<td>Multicultural Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6262 (290:262)</td>
<td>Intervention and Prevention in Lifespan Development</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6304</td>
<td>Crisis and Trauma Intervention and Management</td>
<td>3</td>
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<tr>
<td>COUN 6503</td>
<td>Wellness, Self-Care, and Brain-Based Strategies</td>
<td>3</td>
</tr>
</tbody>
</table>

**Measurement and Research:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MEASRES 6205 (250:205)</td>
<td>Educational Research</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total core hours** 36

One of the following emphases:

**Clinical Mental Health Counseling Emphasis (24 hours):**

**Required emphasis hours:**

**Counseling:**

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>COUN 6207</td>
<td>Diagnosis and Psychopharmacology in Mental Health Counseling</td>
<td>3</td>
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<tr>
<td>COUN 6290 (290:290)</td>
<td>Practicum in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6405</td>
<td>Advanced Psychopathology and Treatment</td>
<td>3</td>
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<tr>
<td>COUN 6505</td>
<td>Dynamics of Family, Couples and Human Sexuality in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6605</td>
<td>Counseling Process and Practices for Substance Abuse and Co-occurring Disorders</td>
<td>3</td>
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<tr>
<td>COUN 6805</td>
<td>Integrated Counseling Practice and Clinical Supervision</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6291 (290:291)</td>
<td>Internship</td>
<td>6</td>
</tr>
</tbody>
</table>

**Total hours for Counseling: Clinical Mental Health Counseling Emphasis non-thesis option (CACREP required 60 credits)** 60

**Additional requirement for thesis option:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>COUN 6299 (290:299)</td>
<td>Research</td>
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</table>

**Total hours for Counseling: Clinical Mental Health Counseling thesis option** 66

**School Counseling Emphasis (24 hours):**

**Required emphasis courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>COUN 6210 (290:210)</td>
<td>Developing Comprehensive School Counseling Programs</td>
<td>3</td>
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<tr>
<td>COUN 6290 (290:290)</td>
<td>Practicum in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6406</td>
<td>Foundations of School Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6506</td>
<td>Counseling Issues with Families and Parents in School Settings</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6706</td>
<td>Current Issues in School Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6806</td>
<td>Leadership, Consultation, and Collaboration in School Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6291 (290:291)</td>
<td>Internship</td>
<td>6</td>
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</tbody>
</table>

**Total hours for Counseling: School Counseling Emphasis non-thesis option (CACREP required 60 credits)** 60

**Additional requirement for thesis option:**

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>COUN 6299 (290:299)</td>
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<td>6</td>
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</table>

**Total hours for Counseling: School Counseling Emphasis thesis option** 66

**SPED 3150 (220:150) Meeting the Needs of Diverse Learners in Classrooms (For non-teaching majors only)** 2

**Counseling Courses**

**COUN 4100. Introduction to Professional Counseling — 3 hrs.**

General overview of the profession of counseling. Outlines the different areas of expertise such as clinical mental health, school, substance abuse, rehabilitation, career, and couples/marriage counseling among others. General theories, ethical, and legal issues are explored. Examination of current trends in the profession of counseling and the evolving profile of a professional counselor. Prerequisite(s): junior standing; consent of department head. (Spring)

**COUN 4105/5105 (290:105g). Counseling Skills — 3 hrs.**

Focus on developing counseling skills with emphasis on self-understanding. Verbal and non-verbal counseling skills are developed through lecture, demonstration, and extensive laboratory practice. Prerequisite(s): junior standing; consent of department head. (Fall and Spring)

**COUN 4198 (290:198). Independent Study — 1-6 hrs. (Variable)**
COUN 6103. Professional Orientation and Ethics in Counseling — 3 hrs.
This course provides an orientation to the profession of counseling with an emphasis on the development of the professional counselor's identity. This course will provide an introduction into the professional roles, the history and philosophy of counseling, current trends and practices of counseling, professional credentials, as well as ethical and legal standards for the profession. The course emphasizes the position of the national accrediting body of the counseling profession (CACREP) focusing on professionalism, self-care, and self-awareness grounded in an understanding of neuroscience and wellness. Additionally, the course covers the area of supervision, consultation, evaluation, research, evidence-based practices, assessment and diagnosis. The areas of crisis, trauma, and disaster are introduced within the framework of school and clinical mental health counseling. This is an introductory class for the first semester in the program. (Fall)

COUN 6104. Counseling Theories — 3 hrs.
Overview of predominant counseling and human development theories, including emphasis on learning and personality development and normal and abnormal human behavior. Stresses practical applications in school and mental health settings. Prerequisite(s): consent of department head. Prerequisite(s) or corequisite(s): COUN 4103; COUN 4105/5105 (290:105g). (Fall)

COUN 6207. Diagnosis and Psychopharmacology in Mental Health Counseling — 3 hrs.
This course will provide an opportunity for students to acquire knowledge of psychopathology, etiology, diagnosis, and treatment of mental and emotional disorders and dysfunctional behavior. Students will learn the drug mechanisms and drug actions for drugs used in the treatment for mental disorders, the efficacy and risks of specific classes of drugs and the roles of the non-prescribing mental health professional in combination treatment of mental disorders. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g); COUN 6104. (Summer)

COUN 6210 (290:210). Developing Comprehensive School Counseling Programs — 3 hrs.
Focus on managing, organizing, and designing K-12 comprehensive, sequential, developmental guidance programs. Prerequisite(s): School Counseling major; COUN 4103; COUN 4105/5105 (290:105g); consent of department head. (Summer)

Emphasis on theoretical and experiential understandings of group dynamics, development, theories, and methods. Focus on group leadership and group membership. Experiential laboratory participation incorporated. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g); consent of department head. (Summer)

Exploration of career development theory and career counseling techniques. Emphasis on significance of occupational choice; examination of sociological, psychological, and economic factors. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g); consent of department head. (Summer)

COUN 6228 (290:228). Assessment Techniques in Counseling — 3 hrs.
Assessment and appraisal procedures of individuals and groups. Primary focus on the understanding and use of standardized and non-standardized tests, inventories, observations, and case data for diagnosis in counseling. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g); COUN 6205 (highly recommended); consent of department head. (Fall and Spring)

Normal and abnormal child/adolescent development, problem conceptualization from an individual as well as a systems-based perspective, and development of advanced-level counseling skills with emphasis on age-appropriate assessment and interventions. Lab practice and actual counseling experience with young clients. Prerequisite(s): COUN 4105/5105 (290:105g) (grade of B or higher); COUN 6227 (highly recommended); consent of department head. (Fall)

COUN 6256 (290:256). Multicultural Counseling — 3 hrs.
Emphasizes examination of personal attitudes, perceptions, and behaviors regarding women, ethnic minorities, elderly, gays and lesbians, and persons with disabilities and concepts such as oppression. Increases understanding of counseling theories and techniques within a multicultural paradigm. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g); COUN 6227; consent of department head. (Spring and Summer)

COUN 6262 (290:262). Intervention and Prevention in Lifespan Development — 3 hrs.
Explores crises and challenges during developmental stages, which may bring individuals, couples, or families to counseling. Discussion of diversity, human development theory, and ethical considerations in lifespan development for application to counseling. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g); consent of department head. (Fall)

(Variable)

Special topics as indicated in the Schedule of Classes. (Variable)

First-level intensive experience designed to further develop individual and group counseling skills. Offered on credit/no credit basis only. Prerequisite(s): for School Counseling: COUN 4103; COUN 4105/5105 (290:105g); COUN 6220 (290:220); COUN 6227; COUN 6250 (recommended); COUN 6254 (290:254) (grade of B or higher); COUN 6262 (290:262) (highly recommended); consent of department head. Prerequisite(s) for Mental Health Counseling: COUN 4103; COUN 4105/5105 (290:105g); COUN 6205 (grade of B or higher); COUN 6220 (290:220); COUN 6227; COUN 6241 (recommended/can take as corequisite); COUN 6250 (recommended); PSYCH 3403/5403 (400:142g); consent of department head. (Fall and Spring)

Advanced intensive experience designed to integrate counseling and consultation skills in a work setting. Offered on credit/no credit basis only. May be repeated for up to 12 credits. Six hours are required for students to complete requirements for licensing in each emphasis area (Clinical Mental Health or School Counseling). Prerequisite(s): for School Counseling: COUN 6262 (290:262); COUN 6290 (290:290); consent of department head. Prerequisite(s) for Mental Health Counseling: COUN 6290 (290:290); consent of department head. (Fall and Spring)

COUN 6299 (290:299). Research.
Prerequisite(s): consent of department. (Variable)
COUN 6304. Crisis and Trauma Intervention and Management — 3 hrs.
This course provides an opportunity to learn the necessary crisis counseling skills to apply in various school and mental health settings. Students will design specific crisis and trauma informed interventions and community-based strategies for management and treatment of individuals and groups during crisis, disasters, or traumatic experiences. Students will identify counselors’ roles and responsibilities as members of interdisciplinary community outreach and emergency management response teams. Students will apply procedures for assessing risk of aggression or danger to others, self-inflicted harm, or suicide to crisis case studies according to Council of the Accreditation of Counseling and Related Educational Programs (CACREP) standards. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g) (grade B or higher); and COUN 6104. (Summer)

COUN 6405. Advanced Psychopathology and Treatment — 3 hrs.
This course will provide students with the opportunity to acquire knowledge of the general principles of diagnosis, neuroscience, and treatment and prevention of dysfunctional behavior and mental-emotional disorders. Students will develop an advanced understanding of therapeutic change, create clinical hypothesis, and build case conceptualization and treatment planning skills based on the Council for the Accreditation of Counseling and Related Educational Programs (CACREP) and American Mental Health Counseling Association (AMHCA) Standards of Practice for Clinical Mental Health Counselors. Students will apply clinical knowledge to case studies and integrate. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g) (grade B or higher); COUN 6104; COUN 6205 (grade of B or higher); or consent of department head. (Fall)

COUN 6406. Foundations of School Counseling — 3 hrs.
This course provides students the opportunity to gain knowledge and information pertaining the basic principles of supervision, its stages of development, theories associated with it, and its ramifications for school counselors in the field. Students will have the opportunity to integrate theory and application via the introduction of school guidance activities in the classroom for students at the K-12 level using the basic tenets of the comprehensive guidance system established by the American School Counseling Association (ASCA) and the Council for the Accreditation of Counseling and Related Educational Programs (CACREP), apply clinical knowledge to case studies and integrate. Additionally, core curriculum design, lesson plan development, classroom management strategies, and differentiated instructional strategies are applied and integrated based on age appropriate levels. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g) grade B or higher; COUN 6210 (290:210) grade B or higher. (Fall)

COUN 6503. Wellness, Self-Care, and Brain-Based Strategies — 3 hrs.
This course provides students the opportunity to develop intervention and prevention strategies regarding wellness and self-care of clients and counselors. Students will integrate neuroscience principles and counseling practice that demonstrate the use of brain-based strategies which align with the Council for the Accreditation of Counseling and Related Educational Programs (CACREP) standards. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g)(grade of B or higher); COUN 6104. (Spring)

COUN 6505. Dynamics of Family, Couples and Human Sexuality in Counseling — 3 hrs.
This course is an introduction to conducting couples and family therapy in mental health counseling. The course content focuses on couple and family systems perspective. It includes theoretical foundations, development life cycles, issues related to human sexuality in couples and families, identification of functional/dysfunctional family systems, survey of interventions and general process of couple and family counseling. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g); COUN 6104; COUN 6207 (grade of B or higher); COUN 6405 (grade of B or higher). (Fall and Spring)

This course provides an overview of the application of family counseling concepts and techniques in school settings. It examines four specific modes of counselor intervention: (a) collaborating with parents and teachers to resolve individual student issues, (b) providing staff training and consultation to address common needs of students and their families, (c) designing school-wide interventions to change the culture of the school so as to more fully engage families and facilitate student development, and (d) building referral relationships with professionals in the community to address student needs. It embraces the school counselor roles of leader, advocate, collaborator and system change agent and facilitates an epistemological shift from an individual/intrapsychic way of thinking to a relational/systemic way of thinking in designing and providing counseling services. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g) (grade of B or higher); COUN 6210 (290:210) (grade of B or higher); COUN 6406 (grade of B or higher). (Spring)

Develops advanced-level counseling skills necessary for clinical practice in mental health and substance abuse treatment settings. Focus on case conceptualization and specific interventions for initiating, sustaining, and terminating a counseling experience addressing substance abuse and co-occurring disorders as outlined in the American Mental Health Counseling Association Standards for the Practice of Clinical Mental Health Counseling and related Council for the Accreditation of Counseling and Related Educational Programs (CACREP) standards. Extensive skill practice/lab. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g); COUN 6104; COUN 6207 (grade B or higher); COUN 6405 (grade B or higher); COUN 6506 (grade B or higher). (Spring)

This course provides an overview of the current legal, licensure, ethical and professional issues in school counseling. It also emphasizes data collection and usage to enhance a school counselor’s accountability applying the National Model established by the American School Counseling Association (ASCA). Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g); COUN 6104; COUN 6210 (290:210); COUN 6406; COUN 6506. (Summer)

COUN 6805. Integrated Counseling Practice and Clinical Supervision — 3 hrs.
Provides an overview of integrated behavioral health counseling practice, legal and licensure issues related to mental healthcare settings, and the consultation and supervision processes provided by clinical mental health counseling professionals as outlined in the American Mental Health Counseling Association (AMHCA) Standards for the Practice of Clinical Mental Health Counseling and standards of the Council for the Accreditation of Counseling and Related Educational Programs (CACREP). Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g); COUN 6104; COUN 6207 grade
of B or higher; COUN 6405 grade of B or higher; COUN 6605 grade of B or higher. (Spring and Summer)

COUN 6806. Leadership, Consultation, and Collaboration in School Counseling — 3 hrs.
This course provides an overview of the most up-to-date school-based collaboration and consultation models consistent with the American School Counseling Association (ASCA) model and school counseling competencies. It encapsulates the school counselor’s roles as leaders, advocates, and system change agents in P-12 schools. It has practical applications and techniques on how to foster collaboration and teamwork within schools and community agencies using the principles of multidisciplinary teams from a school counseling perspective. Prerequisite(s): COUN 4103; COUN 4105/5105 (290:105g) grade of B or higher; COUN 6210 (290:210) (grade of B or higher); COUN 6406 (grade of B or higher); COUN 6506 (grade of B or higher); COUN 6706 (grade of B or higher). (Spring)

Family Services Courses

Use of social science theory and research to understand psycho-socio-cultural influences in the development of identity and interpersonal relationships. Emphasizes application of current research and theory to facilitate positive individual growth and committed intimate relationships. (Fall, Spring, Summer)

Understanding contemporary families as they exist in their cultural context. Exploration of how families change and adapt to normative and non-normative challenges. Application of family theory and current research in order to understand family dynamics. (Fall, Spring, Summer)

Introduction to basic research methods used in family science. Quantitative and qualitative research designs, ethical considerations, and evaluating research results. Development of hypotheses based on current research and choice of appropriate methodologies to address them. (Fall and Spring)

Examination of theory and research contributing to our understanding of how biological, psychological, and social influences shape interindividu differences and intraindividual change across the life span. (Fall and Spring)

Human sexuality as an integration of biological, psychological, and social factors. Topics include developing healthy relationships, sexual orientation, love, sexuality education, sexual decision making, and challenges of sexual health and functioning. (Fall and Spring)

FAM SERV 1140. Culture and Marriage — 3 hrs.
An introduction to the diversity of marriages in the US. Topics include differences and similarities in demographic characteristics, the timing of marriage, marital roles, and relationship strengths among various cultural and ethnic groups living in the United States. (Variable)

FAM SERV 2054 (31F:054). Interpersonal Relationship Dynamics — 3 hrs.
Analysis of interpersonal relationship dynamics and dyadic decision-making using various theoretical perspectives. Study of evidence-based relationship enhancement strategies. Prerequisite(s):
FAM SERV 1010 (31F:010); FAM SERV 1020 (31F:020); minimum grade of C in all prerequisite courses. (Variable)

Survey of prevention and intervention models, methods and professional issues involved in family services. Prerequisite(s):
FAM SERV 1020 (31F:020); minimum grade of C in all prerequisite courses. (Fall and Spring)

Exploration of the management of human and economic resources available to individuals and families through the lifespan from a family science perspective. Emphasis on financial, time, and work/family issues. Prerequisite(s): sophomore standing. (Variable)

FAM SERV 2111. Families and End of Life Issues — 3 hrs.
Overview of individual, familial, social, and cultural aspects of death, dying and the bereavement process. Topics include final planning, palliative care, funeral rituals, and grief. Prerequisite(s): sophomore standing. (Same as GERO 2111) (Variable)

Exploration of theoretical models of violence in intimate and family relationships and examination of the impact of violence on secondary victims. Empirical and programmatic implications for prevention and intervention models are reviewed. Prerequisite(s): junior standing. (Variable)

FAM SERV 3150/5150 (31F:150g). Families and Aging — 3 hrs.
Identification of challenges and normative transitions associated with aging families. Application of developmental and family theories to tasks of adulthood and aging. Prerequisite(s): FAM SERV 1020 (31F:020); FAM SERV 1055 (31F:055) or PSYCH 2202 (400:120); minimum grade of C in all prerequisite courses; junior standing. (Fall and Spring)

FAM SERV 3155/5155 (31F:155g). Parenting — 3 hrs.
Review of parent-child relationships and the dynamic processes of parenting children from conception through young adulthood. Emphasizes developmental and family theory and the diversity of contexts that impact parent-child relationships. Prerequisite(s): FAM SERV 1020 (31F:020); FAM SERV 1055 (31F:055) or PSYCH 2202 (400:120); minimum grade of C in all prerequisite courses; junior standing. (Fall and Spring)

FAM SERV 3160/5160 (31F:160g). Family Assessment and Intervention — 3 hrs.
Exploration and integration of theoretical and evidence-based practice models and skills utilized in family intervention. Professional skills, strategies, tools and ethical issues associated with family assessment and interventions will be examined. Prerequisite(s): junior standing; consent of instructor. (Fall and Spring)

FAM SERV 3161/5161. Families, Alzheimer's and Related Dementias — 3 hrs.
Exploration of issues pertaining to Alzheimer's Disease and related dementias. Examination of challenges associated with memory disorders. Strategies for supporting affected individuals and families. Cannot receive credit in both FAM SERV 3161/5161 and GERO 3161/5161. Prerequisite(s): junior standing. (Same as GERO 3161/5161) (Variable)
Exploration of legal issues, policies, and laws influencing the well-being of families, and the roles family professionals can play in influencing and informing policy at the local, state, and federal levels. Prerequisite(s): FAM SERV 1020 (31F:020); minimum grade of C in all prerequisite courses; junior standing. (Variable)

FAM SERV 3176/5176 (31F:177g). Consumer Behavior Across the Lifespan — 3 hrs.
Analytical approach to the consumption of durables, goods, services, and housing by families across the lifespan. Impact of family on consumption and purchasing decisions. Prerequisite(s): junior standing. (Variable)

FAM SERV 3180/5180 (31F:180g). Problems in Family Services — 1-4 hrs.
Individual topic areas of in-depth study. Prerequisite(s): junior standing; consent of instructor. (Variable)

FAM SERV 3182/5182 (31F:182g). Research in Family Services — 1-3 hrs.
Conduct supervised research and/or scholarly project. Prerequisite(s): research methods course; minimum grade of C in all prerequisite courses; junior standing; consent of instructor. (Variable)

Examination of methods for teaching human sexuality in a variety of educational settings; emphasis placed on family life education programs. Students will use theoretical and empirical literature to evaluate programs and to develop sexuality curricula. Prerequisite(s): FAM SERV 1057 (31F:057); minimum grade of C in all prerequisite courses; junior standing. (Variable)

An understanding of the general philosophy and broad principles of family life education in conjunction with the ability to plan, implement, and evaluate educational programs for families. Prerequisite(s): FAM SERV 1020 (31F:020); FAM SERV 1057 (31F:057); FAM SERV 2060 (31F:060); 3 hours social science research methods; minimum grade of C in all prerequisite courses; minimum 2.40 GPA; senior standing as a Family Services major or consent of instructor. (Variable)

FAM SERV 4184/5184 (31F:184g). Topics in Family Services — 1-3 hrs.
Selected topics relating to current issues in Family Services. Topics to be announced in the Schedule of Classes. May be repeated on different topics for maximum of 6 hours. Prerequisite(s): junior standing. (Variable)

Professional development course including the following topics: family services as a profession; ethical decisions; diversity in the professional field; issues that emerge in family service agencies; and preparation for internship and entry into employment. Prerequisite(s): FAM SERV 2060 (31F:060); Family Services majors only; minimum grade of C in all prerequisite courses; minimum 2.40 GPA; consent of instructor. (Fall and Spring)

Supervised experience in approved practicum situation. Transfer students must complete one full semester in residence before being approved for internship. Stipulate a minimum of 400 hours of internship plus seminar. Prerequisite(s): FAM SERV 4190 (31F:190); minimum grade of C in all prerequisite courses; minimum 2.40 GPA; senior standing. (Fall, Spring, Summer)

Independent Study in Family Services

Gerontology Courses

GERO 2111. Families and End of Life Issues — 3 hrs.
Overview of individual, familial, social, and cultural aspects of death, dying and the bereavement process. Topics include final planning, palliative care, funeral rituals, and grief. Prerequisite(s): sophomore standing. (Same as FAM SERV 2111) (Variable)

GERO 3161/5161. Families, Alzheimer's and Related Dementias — 3 hrs.
Exploration of issues pertaining to Alzheimer's Disease and related dementias. Examination of challenges associated with memory disorders. Strategies for supporting affected individuals and families. Cannot receive credit in both FAM SERV 3161/5161 and GERO 3161/5161. Prerequisite(s): junior standing. [Same as FAM SERV 3161/5161] (Variable)

GERO 3192/5192 (31G:192g). Research in Gerontology — 1-3 hrs.
Conduct supervised research and/or scholarly project. Prerequisite(s): research methods course; junior standing; consent of instructor. (Variable)

GERO 3194/5194 (31G:194g). Problems in Gerontology — 1-4 hrs.
Individual topic areas of in-depth study. Prerequisite(s): junior standing; consent of instructor. (Variable)

GERO 4170/5170 (31G:170g). Long Term Care Administration — 3 hrs.
Study of long term care administration including social services, dietary, legal aspects; nursing; environmental services, activities/community resources; business administration; administrative organization, and human resource management. Prerequisite(s): Gerontology: LTC administration majors only; junior standing; department approval. (Odd Springs)

GERO 4184/5184 (31G:184g). Topics in Gerontology — 1-3 hrs.
Selected topics relating to current issues in gerontology. Topics to be announced in the Schedule of Classes. May be repeated on different topics for maximum of 6 hours. Prerequisite(s): junior standing. (Variable)

GERO 4193 (31G:193). Internship Seminar — 1 hr.
Process seminar to focus on and maximize student learning from their internship experiences and aid in their development of professional practices. May be repeated for maximum of 2 hours. Corequisite(s): GERO 4195 (31G:195) or HPE 4768 or SOC 3100. (Variable)

Supervised experience in approved work situation. Transfer students must complete one full semester in residence before being approved for internship.
Sec. 1. Social Sciences track - 3 hrs.
Sec. 2. Long Term Care track - 1-12 hrs. May be repeated for maximum of 12 hours. Prerequisite(s): consent of instructor. (Variable)

(Variable)
Interior Design Courses

Overview of interior design issues relating to design methods, human factors, professions and certifications, current concerns, and environments. (Fall)

Introduction to design elements and principles and their application to applied and fine arts. Attention to materials techniques and evaluation. Development of individual perception of design processes within interior design context. (Fall and Spring)

INTDSGN 1063 (31I:063). Drafting for Interiors — 3 hrs.
Introduction to architectural drafting; emphasis on drawing as a visual communication medium in the field of interior design. Development of drafting skills as a graphic language. Prerequisite(s) or corequisite(s): INTDSGN 1061 (31I:061). (Spring)

INTDSGN 1065. Design Visualization and Communication — 3 hrs.
Design and presentation skills developed through studio experiences in various media. Emphasis on perceptual and conceptual development in two and three dimensions. (Spring)

INTDSGN 1067 (31I:067). History of Interiors — 3 hrs.
Styles of furnishings, interiors, and architecture from antiquity to the present. (Spring)

Emphasis on three-dimensional graphic representation in the field of interior design. Includes introduction to computer-aided drafting. Prerequisite(s): INTDSGN 1063 (31I:063). Corequisite(s): INTDSGN 2065; declared Interior Design majors only. (Fall)

INTDSGN 2065. Space Planning and the Human Experience — 3 hrs.
Introduction to concepts and application of spatial definition, organization, and theories of human behavior in the built environment. Prerequisite(s): declared Interior Design majors only. Corequisite(s): INTDSGN 2063 (31I:064). (Fall)

INTDSGN 2069. Materials and Resources for Interior Design — 3 hrs.
The study of characteristics, installation, estimating, maintenance and sustainability of materials specified in interior applications. Understanding of sourcing, distribution and sustainable practices related to interior finishes and furnishings. Prerequisite(s): declared Interior Design majors only. Corequisite(s): INTDSGN 3151. (Spring)

INTDSGN 3063. Computer Applications for Interior Design II — 3 hrs.
Advanced computer-aided design using related software in the field of interior design. Prerequisite(s): INTDSGN 2063 (31I:064); declared Interior Design majors only. Corequisite(s): INTDSGN 3069. (Fall)

INTDSGN 3069. Building Systems and Lighting — 3 hrs.
Introduction to structural and non-structural building systems, circulation systems, and distribution systems (power, mechanical, HVAC, data/voice and plumbing) as they impact interior applications. Principles of thermal and acoustical design, indoor air quality, natural and electrical lighting design. Prerequisite(s): INTDSGN 2063 (31I:064); INTDSGN 2065; INTDSGN 2069; declared Interior Design majors only. Corequisite(s): INTDSGN 3063. (Fall)

Standards set by the profession for entry-level positions in Interior Design. (Fall)

INTDSGN 3151. Residential Design I — 3 hrs.
Residential design. Programming, space planning, life safety issues, conceptualization, problem solving, and presentation. Includes special populations and purposes. Prerequisite(s): INTDSGN 2063 (31I:064); INTDSGN 2065; declared Interior Design majors only. Corequisite(s): INTDSGN 2069. (Spring)

INTDSGN 3152. Residential Design II — 3 hrs.
Advanced Residential design. Programming, space planning, life safety issues, conceptualization, problem solving, and presentation. Includes special populations and purposes. Prerequisite(s): INTDSGN 3151. (Fall)

Professional responsibilities (legal, ethical, social and business) and practice of Interior Design. Prerequisite(s) or corequisite(s): INTDSGN 3151; declared Interior Design majors only. (Spring)

INTDSGN 3165. Professional Preparation in Interior Design — 1 hr.
Development of credentials and portfolio for job market entry. Prerequisite(s) or corequisite(s): INTDSGN 3164 (31I:164); declared Interior Design majors only. (Spring)

INTDSGN 4151. Commercial Design I — 3 hrs.
Non-residential design, programming, space planning, life safety issues, conceptualization, problem solving, and presentation. Includes special populations and purposes. Prerequisite(s): INTDSGN 3063; INTDSGN 3069; INTDSGN 3129 (31I:129); declared Interior Design majors only. Corequisite(s): INTDSGN 3164 (31I:164). (Spring)

INTDSGN 4152. Commercial Design II — 3 hrs.
Advanced non-residential design, programming, space planning, life safety issues, conceptualization, problem solving, and presentation. Includes special populations and purposes. Prerequisite(s): INTDSGN 4151. (Fall)

INTDSGN 4153. Commercial Design III — 3 hrs.
Complex non-residential design, programming, space planning, life safety issues, conceptualization, problem solving, and presentation. Includes special populations and purposes. Prerequisite(s): INTDSGN 4152. (Spring)

INTDSGN 4161. Advanced Design I — 1 hr.
Complex residential/non-residential design problems incorporating applied research methods. Corequisite(s): INTDSGN 4152; declared Interior Design majors only. (Fall)

INTDSGN 4162. Advanced Design II — 3 hrs.
Complex residential/non-residential design problems incorporating applied research and integration of life safety, building systems and human response to the built environment. Prerequisite(s): INTDSGN 4161. (Spring)

INTDSGN 4184/5184 (31I:184g). Topics in Interior Design — 1-3 hrs.
Selected topics relating to current issues in Interior Design. Topics to be announced in the Schedule of Classes. May be repeated on different topics for maximum of 6 hours. Prerequisite(s): junior standing. (Variable)
INTDSGN 4192/5192 (31I:192g). Research in Interior Design — 1-3 hrs.
Conduct supervised research and/or scholarly project. Prerequisites: research methods course; junior standing; consent of instructor. (Variable)

INTDSGN 4194/5194 (31I:194g). Problems in Interior Design — 1-4 hrs.
Individual topic areas of in-depth study. Prerequisite(s): junior standing; consent of instructor. (Variable)

Supervised experience in approved work situation. Transfer students must complete one full semester in residence before being approved for internship. Prerequisite(s): all course work must be completed. (Fall, Spring, Summer)

INTDSGN 4198 (31I:198). Independent Study in Interior Design. (Variable)

**Textiles and Apparel Courses**

TEXDSGN 1000. Fashion Culture and Industry — 3 hrs.
An introduction to the textiles and apparel industry, with a focus on understanding the cultural, social and economic impact of the fashion industry. The class includes projects focused on the role of innovative ideas within the industry, exploring career opportunities, and following contemporary fashion trends. (Fall and Spring)

Fundamentals of textiles as related to the production, sale, and use of apparel, interiors, and other products. Laboratory experiences related to the identification of fibers, yarns, and fabrics. (Fall and Spring)

Investigation of elements and principles of design as they apply to textiles and apparel. (Fall)

Costume in the western world from ancient times to the present. (Variable)

Promotion and nonpersonal selling activities within the fashion marketing process. Includes strategies, media selection and use, planning and budgetary processes, publicity, display, special events, and fashion shows. (Spring)

Introduction to computer aided design (CAD) software to investigate the elements and principles of design as applied to textiles and apparel. Software includes: Adobe Illustrator and Adobe Photoshop. Prerequisite(s): TEXDSGN 1003 (31T:012). (Fall)

Introduction to the development and assembly methods of apparel products and the relationship to product aesthetics, quality, performance, and cost. Focus on apparel manufacturing processes and specification sheets. Prerequisite(s): TEXDSGN 1002 (31T:013). Prerequisite(s) or corequisite(s): TEXDSGN 2006 (31T:011). (Fall)

Apparel industry-based software applied to the areas of textile and apparel design and product development. Software includes: Adobe Illustrator, Adobe Photoshop, and Lectra Kaledo Print. Prerequisite(s): TEXDSGN 2006 (31T:011). (Spring)

Structural and functional aspects of textile yarns and fabrics. Manufacturing techniques are related to physical properties of yarns and fabrics used in apparel and other end uses, with a focus on textile and apparel product development. Prerequisite(s): TEXDSGN 1002 (31T:013). (Variable)

Focus on quality issues for textile materials used in apparel and other end uses. Discussion of quality theory, as well as textile material performance expectations and methods of predicting performance through physical testing. Prerequisite(s): TEXDSGN 1002 (31T:013). (Fall)

Analysis of contemporary fashion trends using select theory and forecasting models. Prerequisite(s): TEXDSGN 1000. (Variable)

Apparel design using a product development process, emphasizing the design process, line development, sourcing materials, costing, and production. Advanced apparel production skills (draping and pattern grading) are further developed within apparel design projects. Prerequisite(s): TEXDSGN 2007 (31T:014). (Spring)

Serves as the program capstone experience. Students study leadership skills, professional ethics, as well as prepare an internship experience. Course culminates with a large-scale group experiential learning project conducted in the field. Prerequisite(s): TEXDSGN 2007 (31T:014); juniorstanding. (Fall)

TEXDSGN 4015/5015 (31T:114g). Dress and Human Behavior — 3 hrs.
Textiles and apparel in relation to culture, society, and the individual. Survey and application of selected theories. Prerequisite(s): junior standing. (Variable)

Application of product development concepts and procedures for planning, developing, sourcing, and producing apparel product lines for identified target markets based on market research. Industry-based software will be used for 2D pattern development, grading, marker making, and creating 3D virtual prototypes. Prerequisite(s): TEXDSGN 3008 (31T:100); TEXDSGN 3012 (31T:122); junior standing. (Spring)

TEXDSGN 4184/5184 (31T:184g). Topics in Textile and Apparel — 1-3 hrs.
Selected topics relating to current issues in Textile and Apparel. Topics to be announced in the Schedule of Classes. May be repeated on different topic for maximum of 6 hours. Prerequisite(s): junior standing. (Variable)

TEXDSGN 4192/5192 (31I:192g). Research in Textiles and Apparel — 1-3 hrs.
Conduct supervised research and/or scholarly project. Prerequisite(s): research methods course; junior standing; consent of instructor. (Variable)
TEXDSGN 4194/5194 (31T:194g). Problems in Textiles and Apparel — 1-4 hrs.
Individual topic areas of in-depth study. Prerequisite(s): junior standing; consent of instructor. (Variable)

Supervised experience in approved work situation. Transfer students must complete one full semester in residence before being approved for internship. Prerequisite(s): TEXDSGN 2006 (31T:011); TEXDSGN 1003 (31T:012); TEXDSGN 1002 (31T:013); TEXDSGN 2007 (31T:014); TEX DSGN 1059 (Fashion Culture and Industry) or TEXDSGN 1000; TEXDSGN 3008 (31T:100). (Summer)

(Variable)