

# Health and Human Physiology, MS

## Academic Plans

### Sample Plans of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

### Health and Human Physiology, MS

- Child Life Subprogram [p. 1]
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### Child Life Subprogram

| Course   | Title   | Hours    |
|--|---|----------|
| <b>Academic Career</b>   |   |          |
| <b>Any Semester</b>  |   |          |
| 36 s.h. of graduate level coursework must be completed; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. <sup>a</sup> |   |          |
| <b>Hours</b>   |   | <b>0</b> |
| <b>First Year</b>  |   |          |
| <b>Fall</b>  |   |          |
| TR:5165  | Child Life: Child Development and Healthcare Interventions                          | 3        |
| TR:5260  | Play and Childhood  | 3        |
| TR:5261  | Family Systems  | 3        |
| TR:6200  | Child Life Graduate Forum   | 0        |
| <b>Hours</b>   |   | <b>9</b> |
| <b>Spring</b>  |   |          |
| STAT:4143<br>or PSQF:4143  | Introduction to Statistical Methods<br>or Introduction to Statistical Methods       | 3        |
| TR:5166  | Child Life: Seminar   | 3        |
| TR:5167  | Child Life Practicum  | 3        |
| <b>Hours</b>   |   | <b>9</b> |
| <b>Second Year</b>   |   |          |
| <b>Fall</b>  |   |          |
| CSED:4131<br>or SSW:3786   | Loss, Death, and Bereavement<br>or Death/Dying: Issues Across<br>the Life Span      | 3        |
| TR:5205<br>or HHP:6020   | Research Methods and Play<br>Behavior<br>or Advanced Research Methods<br>and Ethics | 3        |
| TR:5211  | Professional Ethics and Practice in<br>Pediatrics                                   | 3        |
| TR:6200  | Child Life Graduate Forum   | 0        |
| Final Exam <sup>b</sup>  |   |          |
| <b>Hours</b>   |   | <b>9</b> |

### Spring

|                    |                                    |           |
|--------------------|------------------------------------|-----------|
| TR:5270            | Child Life Internship <sup>c</sup> | 9         |
| <b>Hours</b>       |                                    | <b>9</b>  |
| <b>Total Hours</b> |                                    | <b>36</b> |

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b Written four-hour exam covering three areas: research, child life practice, and case study analysis.

c Supervised internship; requires 600 contact hours with a certified child life specialist.

### Clinical Exercise Physiology Subprogram

| Course   | Title  | Hours     |
|--|--|-----------|
| <b>Academic Career</b>   |  |           |
| <b>Any Semester</b>  |  |           |
| 33 s.h. of graduate level coursework must be completed; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. <sup>a</sup> |  |           |
| <b>Hours</b>   |  | <b>0</b>  |
| <b>First Year</b>  |  |           |
| <b>Fall</b>  |  |           |
| HHP:6020   | Advanced Research Methods and Ethics                 | 2         |
| HHP:6200   | Advanced Metabolic Exercise Testing and Prescription | 4         |
| HHP:6460   | Advanced Cardiovascular Physiology                   | 3         |
| Elective course or Statistics requirement <sup>b, c</sup>  |  | 3         |
| <b>Hours</b>   |  | <b>12</b> |
| <b>Spring</b>  |  |           |
| HHP:6030   | Physical Activity and Dietary Behavior Change        | 3         |
| HHP:6150   | Advanced Clinical Exercise Physiology                | 3         |
| HHP:6260   | Advanced Respiratory Pathophysiology                 | 3         |
| <b>Hours</b>   |  | <b>9</b>  |
| <b>Second Year</b>   |  |           |
| <b>Fall</b>  |  |           |
| HHP:6410   | Advanced Integrative Physiology of Exercise          | 3         |
| PCOL:3101  | Pharmacology I: A Drug's Fantastic Journey           | 3         |
| <b>Hours</b>   |  | <b>6</b>  |
| <b>Spring</b>  |  |           |
| HHP:5935   | Clinical Exercise Physiology Internship <sup>d</sup> | 3         |
| Elective course <sup>e</sup>   |  | 3         |
| Final Exam <sup>f</sup>  |  |           |
| <b>Hours</b>   |  | <b>6</b>  |
| <b>Total Hours</b>   |  | <b>33</b> |

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

- b Work with faculty advisor to determine appropriate graduate elective coursework and sequence.
- c If statistics course completed as an undergraduate, may be waived upon approval; otherwise choose one introductory course from BIOS:4120, PSQF:6242, STAT:3510/IGPI:3510, STAT:4143/PSQF:4143 and work with faculty advisor to determine which course to take.
- d May complete in summer of year one or during year two of the program.
- e Work with faculty advisor to determine appropriate graduate elective coursework and sequence. Note: may complete a second HHP:5935 Internship instead of a second elective.
- f Written one-day (4-6 hour) exam.

e Choose from HHP:6300, HHP:6400, HHP:6500; enroll two times for 1 s.h. each.

## Health and Human Physiology with Thesis

| Course   | Title                                | Hours        |
|--|--------------------------------------|--------------|
| <b>Academic Career</b>   |                                      |              |
| <b>Any Semester</b>  |                                      |              |
| 30 s.h. of graduate level coursework must be completed; graduate transfer credits allowed upon approval. More information is included in the General Catalog and on department website. <sup>a</sup> |                                      |              |
| <b>Hours</b>   |                                      | <b>0</b>     |
| <b>First Year</b>  |                                      |              |
| <b>Fall</b>  |                                      |              |
| HHP:6020   | Advanced Research Methods and Ethics | 3            |
| Introductory Statistics course <sup>b</sup>  |                                      | 1, 3         |
| Elective course <sup>c</sup>   |                                      | 3            |
| <b>Hours</b>   |                                      | <b>7-9</b>   |
| <b>Spring</b>  |                                      |              |
| HHP:6000   | Research                             | 2            |
| Advanced Statistics course <sup>d</sup>  |                                      | 3            |
| Seminar course <sup>e</sup>  |                                      | 1            |
| Elective course <sup>c</sup>   |                                      | 3            |
| <b>Hours</b>   |                                      | <b>9</b>     |
| <b>Second Year</b>   |                                      |              |
| <b>Fall</b>  |                                      |              |
| HHP:6000   | Research                             | 3            |
| Seminar course <sup>e</sup>  |                                      | 1            |
| Elective course <sup>c</sup>   |                                      | 3            |
| <b>Hours</b>   |                                      | <b>7</b>     |
| <b>Spring</b>  |                                      |              |
| HHP:7500   | Thesis: MS                           | 4            |
| HHP:6000   | Research <sup>c</sup>                | 3            |
| Final Exam: Thesis Defense   |                                      |              |
| <b>Hours</b>   |                                      | <b>7</b>     |
| <b>Total Hours</b>   |                                      | <b>30-32</b> |

a Students must complete specific requirements in the University of Iowa Graduate College after program admission. Refer to the Graduate College website and the Manual of Rules and Regulations for more information.

b Choose one course from BIOS:4120, PCOL:5204, PSQF:6242, STAT:3510/IGPI:3510, STAT:4143/PSQF:4143.

c See the General Catalog for a list of approved courses.

d Choose one course from BIOS:5120/IGPI:5120/STAT:5610, STAT:6513/PSQF:6243.