Program Tracks

Behavioral and Community Science  Clinical Physiology and Metabolism  Molecular and Cellular Science

Courses Are Three Credits Unless Indicated Otherwise

Required HNFE Courses, All Tracks:
Courses are 3 credits unless indicated otherwise

☐ HNFE Core Course
• HNFE 5204 Translational Science in HNFE (4 credits)

☐ Graduate Seminar
One semester required for MS and two semesters for PhD
• HNFE 5044 Seminar in Nutrition and Foods (1 credit)

☐ Graduate Statistics
3 credits required for MS and 6 credits for PhD
Potential courses to fulfill requirement:
• STAT 5605 Biometry
• STAT 5606 Biometry
• STAT 5615 Statistics in Research
• STAT 5616 Statistics in Research
• STAT 5674 Methods in Biostatistics
• EDRE 6504 Qualitative Methods in Educational Research (1 credit)
• EDRE 6605 Quantitative Research Methods in Education I
• EDRE 6606 Quantitative Research Methods in Education II
• AAEC 5946 Econometric Theory Research Methods
• HD 6514 Advanced Research Methods + HD 6524: Lab for Advanced Research Methods (1 credit)
• PHS 5025/PHS 5026 Epidemiology & Quan. Methods in Public Health (3 credits each, must take both)
• PSYC 6014 Multivariate Statistics

☐ Ethics & Integrity *
* see page 2

☐ Thesis or Dissertation Research
Minimum of 6 credits MS and 30 credits for PhD
• HNFE 5994 Research and Thesis (MS)
• HNFE 7994 Research and Dissertation (PhD)

Degree Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>PhD min # of credits</th>
<th>MS min # of credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total credits</td>
<td>90</td>
<td>30</td>
<td>GS</td>
</tr>
<tr>
<td>Course credits</td>
<td>27</td>
<td>20</td>
<td>GS</td>
</tr>
<tr>
<td>Research credits</td>
<td>30</td>
<td>6</td>
<td>GS</td>
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</tbody>
</table>

Stats courses*
(effective Spring, 2016)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>PhD min # of credits</th>
<th>MS min # of credits</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Stats courses*</td>
<td>6</td>
<td>3</td>
<td>HNFE * can be included in total course credit count</td>
</tr>
<tr>
<td>HNFE 5044 Seminar*</td>
<td>2 (4)</td>
<td>1 (3)</td>
<td>HNFE * can be included in total course credit count</td>
</tr>
<tr>
<td>Ethics *</td>
<td>3-5</td>
<td>3-5</td>
<td>GS * can be included in total course credit count</td>
</tr>
<tr>
<td>Special / Ind. Study</td>
<td>(18)</td>
<td>(6)</td>
<td>GS  Exceptions made for courses in University Governance process</td>
</tr>
</tbody>
</table>

4000-level courses

<table>
<thead>
<tr>
<th>Requirement</th>
<th>PhD min # of credits</th>
<th>MS min # of credits</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>4000-level courses</td>
<td>(6)*</td>
<td>(6)*</td>
<td>HNFE / GS  May not include Independent Study or Undergrad Research (4974, 5974)</td>
</tr>
</tbody>
</table>

() indicates maximum credit hours accepted toward course credits
P/F courses may only be included on the Plan of Study if they are only offered P/F.

Description of courses: VT Graduate Catalog
Course offering times: VT Timetable of Classes

Contacts:

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The only specifically required courses are those listed in the “Required HNFE Courses, All Tracks” box on page one.

Other Graduate School requirements are met through a Plan of Study recommended by the faculty advisor and advisory committee and approved by the graduate program director. The HNFE Plan of Study form can be found at: http://hnfe.vt.edu/programs/graduate/resources.html.

Specific Plan of Study questions should be addressed to the faculty advisor.

The Plan of Study must be completed by the end of semester three (or completion of 36 credits for PhD), end of semester two (or 24 credits for MS students), and end of the first MS semester for BS/MS students.

All students are required to complete one of the following options to fulfill the university’s requirement:

1. **HUMAN SUBJECT PROTECTIONS TUTORIAL**
   - Offered by the Virginia Tech Institutional Review Board (IRB)
   - OR Verification of Training from the Virginia Tech Institutional Animal Use and Care Committee (IACUC).
   - Submit certificate of completion to graduate program coordinator.

2. **RESEARCH ETHICS AND INTEGRITY**
   - HNFE 5044 Seminar in Nutrition & Foods (Spring only) (1 cr)
   - OR ALS 5324 Research Ethics in Agr & Life Sciences (Fall only) (1 cr)

3. **TEACHING ETHICS AND INTEGRITY**
   - GRAD 5014 Academic Integrity & Plagiarism (2 cr)
   - GRAD 5004 GTA Workshop (1 cr)
   - OR HNFE Fall Orientation Session/Teaching Ethics, Academic Integrity, and Plagiarism (for students not on Graduate Teaching Assistantships)

*Effective Spring 2016*