Supplies Chain Management (SCMT)

Faculty

John Aloysius, Associate Professor
Terry L. Esper, Associate Professor, Oren Harris Chair in Logistics
Christian Hofer, Associate Professor
David Graham Hyatt, Assistant Professor
John Ozment, Professor, Oren Harris Chair in Transportation
Adriana Rossiter-Hofer, Assistant Professor
Carole Shook, Instructor
Annibal Camara Sodero, Assistant Professor
Matthew A. Waller, Professor, Garrison Endowed Chair in Supply Chain Management
Brent D. Williams, Assistant Professor

Matt Waller
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475G Walton College of Business
479-575-8741

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Degrees Conferred:
Ph.D. in Business Administration (BADM)

Ph.D. in Business Administration – Supply Chain Management Concentration

The Ph.D. Program in Business Administration with a Supply Chain Management Concentration prepares individuals for academic careers in research, teaching and service at universities. The program imparts knowledge of the theoretical and substantive areas of supply chain management, as well as of conceptual skills and methodological tools, and prepares students to conduct independent research.

Program Requirements

Generally, the program is composed of 60 credit hours. Up to 3 credit hours of prior coursework may be applied to the requirements for the supply chain management Concentration with the recommendation and consent of the student’s Ph.D. Program Advisory Committee.

Tools

Depending on their interest and backgrounds, students will choose five courses from the following list:

- Univariate statistics (minimum 3 hours; e.g. ISYS 5203)
  
  ISYS 5203 Experimental Design (Fa) (prior course work may be applied toward this requirement)

- Multivariate statistics (minimum 3 hours; e.g., MKTG 6433, ISYS 5623, ISYS 5723)

  MKTG 6433 Seminar in Research Methods (Irregular)
  ISYS 5623 Multivariate Analysis (Sp)
  ISYS 5723 Advanced Multivariate Analysis (Irregular)

- Econometrics (minimum 3 hours; e.g., ECON 5613, ECON 6623, ECON 6633)

  ECON 5613 Econometrics I (Fa)
  ECON 6623 Econometrics II (Sp)
  ECON 6633 Econometrics III (Sp)

- Structural equation analysis (e.g., SCMT 6423)

  SCMT 6423 Seminar in Structural Equation Modeling (Irregular)

- Other (e.g., linear programming, integer programming, stochastic processes, qualitative research methods, etc.)

Supply Chain Management Core

Each doctoral will take five SCM Core Ph.D seminars from set of six courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>SCMT 6413</td>
<td>SCMT 6413 Supply Chain Management Core</td>
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<tr>
<td>SCMT 6433</td>
<td>SCMT 6433 Supply Chain Management Research</td>
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<tr>
<td>SCMT 6443</td>
<td>SCMT 6443 Theory in Supply Chain Management</td>
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<tr>
<td>SCMT 6453</td>
<td>SCMT 6453 Behavioral Supply Chain Management</td>
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<td>SCMT 6463</td>
<td>SCMT 6463 Research in Retail Supply Chain Management</td>
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<tr>
<td>SCMT 6473</td>
<td>SCMT 6473 Emerging Topics in Supply Chain Management</td>
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Microeconomics

ECON 6233 Microeconomic Theory II (Sp)

Supporting Fields

Courses for the supporting fields requirement are made in consultation with the student’s Ph.D. Program Advisory Committee. All courses taken for the supporting fields must be at the graduate level and/or taken for graduate credit. A minimum of six hours should be taken in graduate research seminars.

Dissertation

A dissertation will be written under the guidance of the supply chain management faculty. The dissertation committee consists of a minimum of 3 graduate faculty members. One graduate faculty member outside the Department may be chosen for this committee depending on the dissertation topic.

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<tr>
<th>Course</th>
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<tr>
<td>SCMT 700V</td>
<td>Doctoral Dissertation (Sp, Su, Fa)</td>
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Total Hours 60