

Advising Process for PhD-MS and MS-MS students

Effective Fall 2018, the university has implemented changes below with regard to the advising and course registration process for MS students. Before the beginning of the Fall 2018 semester, all PhD-MS and MS-MS students must have selected an area of concentration using eforms in Graduate Degree Works.

All MS-MS students should schedule a visit with Justine Grant or Tiffany Yi. During the period October through November 2018, each PhD-MS student must visit with your academic advisor Dr. Balasubramanian during his office hours at DTC 426 to remove any hold on your academic record that might prevent you from registering for courses in Spring 2019 semester.

The course registration process for PhD-MS and MS-MS students is outlined below.

Course Registration Process for PhD-MS students:

The PhD program in Management Science (PhD-MS) offers two areas of concentration: **Quantitative Finance** and **Analytics**.

All full-time PhD-MS students are required to take the courses and exams listed below depending on their year in the program and their area of concentration.

Quantitative Finance Concentration in PhD-MS - First year courses

MSC 511 Mathematics for Management Science I 3 credits	(Fall)
MSC 512 Statistics for Management Science I 3 credits	(Fall)
MSC 631 Theory of Finance I 3 credits	(Fall)
HUM 601 TA Seminar 0 credits	(Fall)

MSC 514 Mathematics for Management Science II 3 credits	(Spring)
MSC 515 Statistics for Management Science II 3 credits	(Spring)
MSC 633 Theory of Finance II 3 credits	(Spring)

Full-time PhD-MS Quantitative Finance students who finished the first year courses listed above are required to take the PhD Qualifying exam in the summer following their first year of study (this exam is usually administered in May). PhD-MS students are allowed a maximum of two opportunities to take the PhD Qualifying exam (they should pass this exam within those two attempts).

Quantitative Finance Concentration in PhD-MS – Second year courses

MSC 611 Philosophy of Management 3 credits	(Fall)
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MSC 621 Corporate Finance 3 credits	(Fall)
MSC 614 Quantitative Investment Strategies 3 credits	(Fall -cross listed with MSF 546)
MSC 612 Advanced Research Methods 3 credits	(Spring)
MSC 623 Investments 3 credits	(Spring)
MSC 613 Structured Fixed Income Portfolio 3 credits	(Spring -cross listed with MSF 545)

Full-time PhD-MSc Quantitative Finance students who successfully passed the PhD Qualifying exam and who finished all the second year courses listed above are required to take the PhD Comprehensive exam in the summer following their second year of study (this exam is usually administered in August). PhD-MSc students are allowed a maximum of two opportunities to take the PhD Comprehensive exam (they should pass this exam within those two attempts).

Course Registration beyond Second Year for PhD-MSc Quantitative Finance

Students who have successfully passed the PhD qualifying exam and PhD Comprehensive exam should register for MSC 691 Research Credits under the supervision of a Stuart School faculty member who has agreed to chair their dissertation committee. PhD-MSc program requires students to complete 24 MSC 691 credits hours prior to graduation.

Required steps for PhD Proposal Defense Event:

A PhD candidate should complete the PhD Proposal Defense Event within six months of successfully passing the PhD comprehensive exam.

Students will consult with the chair of their dissertation committee to select a potential topic for the PhD dissertation and to identify and work with other members of their dissertation committee. Students will then prepare a PhD proposal document (that essentially represents the first three chapters of the potential PhD dissertation) to be reviewed by their PhD dissertation committee. Once approved, the student will forward this document to the PhD-MSc Program Director along with a signed/scanned form 301A (available for download at the Graduate Academic Affairs website) that contains the names of Stuart School faculty members (and external member) who serve on the student's PhD dissertation committee.

The PhD proposal document is then submitted to anti-plagiarism checks, a process that will require at least two weeks. Following this step, the student will reserve a conference room for the date/time/campus and room location wherein all members of the PhD dissertation committee are available to attend the PhD Proposal Defense event, and convey this information to the PhD-MSc program director. Please note that all members of the PhD Dissertation Committee (including Stuart faculty on this committee and External members) should attend the PhD Proposal Defense event in person.

The PhD-MSc Program Director will then announce the PhD Proposal Defense Event to the Stuart research community.

Required steps for PhD Dissertation Defense Event:

A PhD candidate should complete the PhD Dissertation Defense Event within six months to one year of successfully completing the PhD Proposal Defense Event.

Students who successfully defended at their PhD proposal defense event will continue work on their PhD dissertation in consultation with the chair and other members of their PhD dissertation committee. Students will then prepare a PhD dissertation document (that essentially includes all chapters of the potential PhD dissertation) to be reviewed by their PhD dissertation committee. Once approved, the student will forward this document to the PhD-MSc Program Director along with a signed/scanned form 301B (available for download at the Graduate Academic Affairs website) that contains names of Stuart School faculty members (and external member) who serve on the student's PhD dissertation committee.

The PhD dissertation document is then submitted to anti-plagiarism checks, a process that will require at least two weeks. Following this step, the student will reserve a conference room for the date/time/campus and room location wherein all members of the PhD dissertation committee are available to attend the PhD Dissertation Defense event, and convey this information to the PhD-MSc program director. Please note that all members of the PhD Dissertation Committee (including Stuart faculty on this committee and External members) should attend the PhD Dissertation Defense event in person.

The PhD-MSc Program Director will then announce the PhD Dissertation Defense Event to the Stuart research community.

PhD Graduation Checklist (for PhD Quantitative Finance students)

1. Review your record on Graduate Degree Works with the Program Director (MSc) at least 18 months prior to the date you expect to graduate to assure that you have satisfied all academic degree specific requirements for graduation.
2. Meet with the thesis examiner to assure that the PhD dissertation conforms with all University requirements.
3. Register for graduation/hooding ceremony well before the announced deadline.

Analytics Concentration in PhD-MSc - First Year courses

MSc 511 Mathematics for Management Science I 3 credits	(Fall)
MSc 512 Statistics for Management Science I 3 credits	(Fall)
MSc 615 Predictive Analytics 3 credits	(Fall - cross listed)

HUM 601 TA Seminar 0 credits	with MAX 522) (Fall)
MSC 514 Mathematics for Management Science II 3 credits	(Spring)
MSC 515 Statistics for Management Science II 3 credits	(Spring)
MSC 616 Social Media Marketing Analytics 3 credits	(Spring -cross listed with MAX 523)

Full-time PhD-MSc Analytics students who finished the first year courses listed above are required to take the PhD Qualifying exam in the summer following their first year of study (this exam is usually administered in May). PhD-MSc students are allowed a maximum of two opportunities to take the PhD Qualifying exam (they should pass this exam within those two attempts).

Analytics Concentration in PhD-MSc – Second Year courses

MSC 611 Philosophy of Management 3 credits	(Fall)
MSC 651 Quantitative Marketing Models 3 credits	(Fall)
MSC 652 Supply Chain Analytics 3 credits	(Fall)
MSC 612 Advanced Research Methods 3 credits	(Spring)
MSC 653 Current Topics - Marketing Analytics 3 credits	(Spring)
MSC 654 Social Network Analytics 3 credits	(Spring)

Full-time PhD-MSc Analytics students who successfully passed the PhD Qualifying exam and who finished all the second year courses listed above are required to take the PhD Comprehensive exam in the summer following their second year of study (this exam is usually administered in August). PhD-MSc students are allowed a maximum of two opportunities to take the PhD Comprehensive exam (they should pass this exam within those two attempts).

Course Registration beyond Second Year for PhD-MSc Analytics

Students who have successfully passed the PhD qualifying exam and PhD Comprehensive exam should register for MSC 691 Research Credits under the supervision of a Stuart School faculty member who has agreed to chair their dissertation committee. PhD-MSc program requires students to complete 24 MSC 691 credits hours prior to graduation.

Required steps for PhD Proposal Defense Event:

A PhD candidate should complete the PhD Proposal Defense Event within six months of successfully passing the PhD comprehensive exam.

Students will consult with the chair of their dissertation committee to select a potential topic for the PhD dissertation and to identify and work with other members of their dissertation committee. Students will then prepare a PhD proposal document (that essentially represents the first three chapters of the potential PhD dissertation) to be reviewed by their PhD dissertation committee. Once approved, the student will forward this document to the PhD-MSC Program Director along with a signed/scanned form 301A (available for download at the Graduate Academic Affairs website) that contains the names of Stuart School faculty members (and external member) who serve on the student's PhD dissertation committee.

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The PhD-MSC Program Director will then announce the PhD Proposal Defense Event to the Stuart research community.

Required steps for PhD Dissertation Defense Event:

A PhD candidate should complete the PhD Dissertation Defense Event within six months to one year of successfully completing the PhD Proposal Defense Event.

Students who successfully defended at their PhD proposal defense event will continue work on their PhD dissertation in consultation with the chair and other members of their PhD dissertation committee. Students will then prepare a PhD dissertation document (that essentially includes all chapters of the potential PhD dissertation) to be reviewed by their PhD dissertation committee. Once approved, the student will forward this document to the PhD-MSC Program Director along with a signed/scanned form 301B (available for download at the Graduate Academic Affairs website) that contains names of Stuart School faculty members (and external member) who serve on the student's PhD dissertation committee.

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The PhD-MSc Program Director will then announce the PhD Dissertation Defense Event to the Stuart research community.

PhD Graduation Checklist (for PhD Analytics students)

4. Review your record on Graduate Degree Works with the Program Director (MSc) at least 18 months prior to the date you expect to graduate to assure that you have satisfied all academic degree specific requirements for graduation.
5. Meet with the thesis examiner to assure that the PhD dissertation conforms with all University requirements.
6. Register for graduation/hooding ceremony well before the announced deadline.

Course Registration Process for MS-MSc students:

The MS program in Management Science (MS-MSc) offers two areas of concentration: **Quantitative Finance** and **Analytics**.

All MS-MSc students are required to take the courses listed below depending on their year in the program and their area of concentration. The advising process for MS-MSc students is coordinated by Justine Grant (jgrant2@stuart.iit.edu) and Tiffany Yi (tyi2@stuart.iit.edu).

Quantitative Finance Concentration in MS-MSc - First year courses

MSc 511 Mathematics for Management Science I 3 credits	(Fall)
MSc 512 Statistics for Management Science I 3 credits	(Fall)
MSc 631 Theory of Finance I 3 credits	(Fall)
MSc 514 Mathematics for Management Science II 3 credits	(Spring)
MSc 515 Statistics for Management Science II 3 credits	(Spring)
MSc 633 Theory of Finance II 3 credits	(Spring)

Quantitative Finance Concentration in MS-MSc – Second year courses

MSc 614 Quantitative Investment Strategies 3 credits	(Fall -cross listed with MSF 546)
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Plus

Three elective courses in Fall semester chosen from any 500 level BUS, MAX, MBA, MSc, MSF, PA or SMGT courses offered at the Stuart School.

MSc 613 Structured Fixed Income Portfolio 3 credits	(Spring - cross listed with MSF 545)
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Analytics Concentration in MS-MSc - First Year courses

MSC 511 Mathematics for Management Science I 3 credits (Fall)
MSC 512 Statistics for Management Science I 3 credits (Fall)
MAX 502 Analytics for Decision Making 3 credits (Fall)

MSC 514 Mathematics for Management Science II 3 credits (Spring)
MSC 515 Statistics for Management Science II 3 credits (Spring)
MAX 503 Marketing Research and Engineering 3 credits (Spring)

with MAX 523)

Analytics Concentration in MS-MSc – Second Year courses

MSC 615 Predictive Analytics 3 credits (Fall – cross listed
with MAX 522)

Plus

Three elective courses in Fall semester chosen from any 500 level BUS, MAX, MBA, MSC, MSF, PA or SMGT courses offered at the Stuart School.

MSC 616 Social Media Marketing Analytics 3 credits (Spring -cross listed
With MAX 523)