New PhD Student Orientation

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Welcome!
Graduate Programs Overview
PhD Program Requirements
  • Individual Development Plan (IDP)
  • Plan of Work
  • Transfer of Credits
Program Timeline of Events
Advisor Selection / Advisory Committee
PhD Preliminary Exams
Coursework Guidelines
  • Outside Coursework
  • Technical Writing Course
Research Productivity
Professional Development
Overview of Graduate Programs
**PhD Program: Winter 2017 Enrollment**

- **Regular Track:** 35 Registered Students
  - Candidates from Iran, China, Turkey, Saudi Arabia, Kuwait, South Korea, Nigeria, USA …
- **Global Executive Track (GET):** 38 Active Students
  - First such engineering track in the U.S. launched in January 2008
  - Candidates from Apple, Ford, Chrysler, GM, General Dynamics, Urban Science, TRQSS, Magna, DTE, LLCs …
  - 6 Graduates and nearly 15 GET students entered/entering dissertation process

**MS Programs: Winter 2017 Enrollment**

- MS IE Program: 273 Students
- MSEM Program: 71 Students
- MS MfgE Program: 42 Students
- MS DSBA Program: New for Fall 2017
Recent Dissertations: 2015-Present

14 PhD Graduates

2017 (5 Graduates)

2016 (2 Graduates)

2015 (7 Graduates)
- Mahyar Movahednejad, *Frontiers in Operations Research for Overcoming Barriers to Vehicle Electrification*, 2015. [Faculty Member, University of Delaware] (Advisor–Dr. Chinnam)
\begin{itemize}
  \item **IISE Healthcare Track Best Student Paper Competition - Finalist, 2017.**
    \begin{itemize}
      \item Badri, H., Zafar Nezhad, M., Yang., K., “A Stochastic Decomposition Heuristic for Operating Theatre Scheduling”.
    \end{itemize}
  \item **Best IIE Transactions Applications Paper - Honorable Mention, Scheduling and Logistics Track, 2017.**
    \begin{itemize}
    \end{itemize}
  \item **IISE Pritsker Doctoral Dissertation Award - 1st Place, 2016.**
    \begin{itemize}
    \end{itemize}
  \item **ISERC Best Student Paper Award - 1st Place, Quality Control & Reliability Engr. Track, 2016.**
    \begin{itemize}
      \item Si, W., Yang, Q., and Wu, X, “An Enhanced Functional Linear Model and Application in Reliability Analysis by Utilizing Material Microstructures”.
    \end{itemize}
  \item **IBM Service Science Best Student Paper Award - Finalist, 2015.**
    \begin{itemize}
      \item Movahednejad, M., Mashayekhy, L., Chinnam, R.B., and Grosu, D. “Scheduling and Pricing Services for Online Electric Vehicle Charging”.
    \end{itemize}
  \item **ISERC Best Student Paper Award - 1st Place, Industrial Process Track, 2015.**
    \begin{itemize}
      \item Zhang, N and Yang, Q, “A Random Effect Autologistic Regression Model with Application for Characterizing Variation of Multiple Microstructure Samples”.
    \end{itemize}
  \item **INFORMS ENRE Best Student Paper Award, 2014.**
    \begin{itemize}
    \end{itemize}
  \item **POMS College of Sustainable Operations Student Paper Competition - Runner Up, 2014.**
    \begin{itemize}
    \end{itemize}
\end{itemize}
Journal Publications: 2015 – Present

66+ Articles

Dr. Chelst - 3 Articles


Dr. Chinnam - 18 Articles


Dr. Dalkiran - 2 Articles


Dr. Kim - 9 Articles

Journal Publications: 2015 - Present

66+ Articles

Dr. Mejabi - 3 Articles

Dr. Venkatachalam - 5 Articles

Dr. R.B. Chinnam, Wayne State University
New PhD Student Orientation

Dr. Monplaisir - 3 Articles

Dr. Murat - 8 Articles

Dr. K. Yang - 15 Articles
Journal Publications: 2015 - Present

Dr. Q. Yang - 7 Articles


Sample List of High Impact Journals:

- Applied Soft Computing
- Computers & Operations Research
- European Journal of Operations Research
- Expert Systems with Applications
- Health Care Management Science
- IEEE Trans. on Automation Science and Engineering
- IEEE Trans. on Intelligent Transportation Systems
- IEEE Trans. on Reliability
- IIE Transactions
- Interfaces
- International Journal of Production Economics
- International Journal of Production Research
- Journal of Cleaner Production
- Journal of Engineering Design
- Journal of Global Optimization
- Transportation Research Part E: Logistics and Transportation Science
PhD Program Orientation
PhD Program Requirements

- **Minimum of 90 semester credits beyond baccalaureate degree:**
  - 20–21 credits of core courses
    - **GS 0900: Essential Research Practices: Responsible Conduct of Research (0 Credits)**
      - Attend a day long course
      - Visit Graduate School website for prerequisite online CITI training and more details.
    - Students are required to take the two Ph.D. core courses
      - IE7520: Optimization Methods
      - IE7710: Introduction to Stochastic Processes
    - Students are required to take at least two more “doctoral” courses offered by ISE department
  - 8 credits of a minor (optional)
  - 30 credits of dissertation research (IE 9991-9994)
  - 31–32 credits of additional coursework (total coursework has to exceed 60 credits)

- **Students with Non-IE/ Engineering Background: 106 Credits**
  - 16 extra credits to develop a comprehensive understanding for the IE discipline
    - Most of these courses will be foundational MS courses
  - Credits might be reduced based on individual’s credentials

- **Conditions:**
  - At least 30 credits of course work at the 7000-level or above
  - At least 20 credits of course work from the ISE department
  - At least 30 credits of coursework from Wayne State (outside of dissertation credits)
  - Up to 30 relevant credits can be transferred from other graduate programs
  - Limit directed studies to no more than 8 credits (IE 7990 and IE 7996)
  - ISE Department will only pay for a maximum of 12 credits of coursework outside the department for GTAs (never for Thesis credits from outside the department).
Training in Responsible Conduct of Research (RCR) practices is a MANDATORY requirement for all first year PhD students.

PhD students must enroll in the RCR training course, GS 0900 titled, "Essential Research Practices: Responsible Conduct of Research" in either the Fall or Winter terms.

All PhD students are required to attend a day-long Saturday workshop during the term they register for course:

- Fall 2017 Term – Workshop is on Saturday, September 9th
- Winter 2018 Term – Workshop is on Saturday, January 20th

There is an online course required before you can take the Saturday Workshop.

More information is available at https://gradschool.wayne.edu/postdoc/research-conduct

*Alternative workshop scheduled for students who cannot attend due to Religious Conflicts with attending a Saturday Workshop*
**Program Load:** 8 credits or more per semester for full-time graduate student status

- GRAs/GTAs are required to register for at least 6 credits of graduate coursework per semester
  - 1 credit during the Spring/Summer semester

**Time Limitation:** 7-year time limit to complete all program requirements

**1-Year Residency Requirement:** Must complete at least 6 graduate credits in coursework, exclusive of dissertation research, in each of two successive semesters

- Spring-Summer semester excluded from definition of successive semesters

**Minimum GPA:** Must maintain a cumulative GPA of 3.0 to continue

**Minimum Journal Publications:** Must dispatch at least one journal manuscript based on dissertation research four months ahead of defense

- Candidates seeking academic positions should have published couple of articles in high impact journals to be considered seriously
- Funded students will be expected to dispatch manuscripts starting 2nd year!
## PhD Courses: Two Year Rolling Schedule

### ODD YEARS

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Instructors</th>
<th>Course Title</th>
<th>Instructors</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FALL</strong></td>
<td></td>
<td><strong>EVEN YEARS</strong></td>
<td></td>
</tr>
<tr>
<td>IE7430: Modeling (re-)Manufacturing Systems</td>
<td>Rickli</td>
<td>IE7280: Multivariate Analysis</td>
<td>K. Yang</td>
</tr>
<tr>
<td>IE7710: Stochastic Processes [CORE]</td>
<td>TBA</td>
<td>IE7440: Manufacturing Analytics</td>
<td>Rickli / Kim</td>
</tr>
<tr>
<td><strong>WINTER</strong></td>
<td></td>
<td><strong>DRAFT SCHEDULE</strong></td>
<td></td>
</tr>
<tr>
<td>IE7540: Heuristic Optimization</td>
<td>Murat / Venkatachalam</td>
<td>IE7520: Large-Scale Optimization &amp; Integer Programming</td>
<td>Dalkiran / Murat</td>
</tr>
<tr>
<td>IE7220: Advanced Statistical Methods [CORE]</td>
<td>Q. Yang</td>
<td>IE7860: Intelligent Analytics</td>
<td>Chinnam</td>
</tr>
<tr>
<td>IE8325: Advanced Supply Chain Management</td>
<td>Murat / Venkatachalam</td>
<td>IE7480: Knowledge- Based Design</td>
<td>Kim</td>
</tr>
</tbody>
</table>
# Sample Plans of Work

<table>
<thead>
<tr>
<th>Example 1: Even Year - Fall Admit</th>
<th>OR / ML Focus</th>
<th>QSR Focus</th>
<th>PD / MFG Focus</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall - Even Year</strong></td>
<td>Stochastic Programming &amp; Robust Optimization</td>
<td>Multivariate Analysis</td>
<td>Manufacturing Analytics Modeling (re-)Manufacturing Systems</td>
</tr>
<tr>
<td><strong>Winter - Odd Year</strong></td>
<td>Heuristic Optimization</td>
<td>Advanced Statistical Methods</td>
<td>Advanced Supply Chain Management</td>
</tr>
<tr>
<td><strong>Fall - Odd Year</strong></td>
<td>Advanced Stochastic Processes</td>
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</tr>
<tr>
<td></td>
<td>Linear &amp; Non-Linear Optimization</td>
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</tr>
<tr>
<td><strong>Winter - Even Year</strong></td>
<td>Intelligent Analytics</td>
<td>Intelligent Analytics</td>
<td>Knowledge-Based Design</td>
</tr>
<tr>
<td></td>
<td>Large-Scale Optimization &amp; Integer Programming</td>
<td></td>
<td>Intelligent Analytics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Example 2: Odd Year - Fall Admit</th>
<th>OR / ML Focus</th>
<th>QSR Focus</th>
<th>PD / MFG Focus</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall - Odd Year</strong></td>
<td>Advanced Stochastic Processes</td>
<td>Advanced Stochastic Processes</td>
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</tr>
<tr>
<td></td>
<td>Linear &amp; Non-Linear Optimization</td>
<td>Linear &amp; Non-Linear Optimization</td>
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</tr>
<tr>
<td><strong>Winter - Even Year</strong></td>
<td>Intelligent Analytics</td>
<td>Intelligent Analytics</td>
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</tr>
<tr>
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</tr>
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</table>
Irregular/ Other Courses under Consideration

- Statistical Learning & Bayesian Statistics
- Time Series Modeling, Analysis, Forecasting
- Graph Theory & Mining
- Healthcare Operations Research
- Advanced Product Development
- Queuing Theory & Networks
- Network Design & Flows
Upon admission, Select Academic Advisor (PhD Programs Director will serve as a temporary advisor)

Prepare an Individual Development Plan by the end of the first term. Follow the IDP Guidelines.

Attempt PhD Preliminary Exams at the end of the first academic year (typically offered in late May).

Prior to completion of 16 semester credits, Submit PhD Plan of Work to academic advisor and PhD Programs Director for approval. Once approved, submit the form to Ph.D. Office of Graduate School.

- Transfer of Credits form can be submitted along with the PhD Plan of Work (if transferring relevant graduate credits from a different school).

Participate in Annual PhD Student Progress Evaluations. E-mail to come from Graduate School!

Develop PhD Research Plan in conjunction with advisor:

- Qualifying Exam: You will propose the dissertation topic in writing and orally to your dissertation advisory committee. Can be done after completing ~ 50 credits of coursework (including transfer credits).

- Following successful Proposal Defense, submit signed Prospectus and Record of Approval and Petition for Doctoral Candidacy to the Graduate School, indicating the members of the Dissertation Committee to the Ph.D. Office of the Graduate School.

Dissertation Registration (IE9991 to IE9994): Four consecutive academic-year semesters of registration as a degree candidate are required during the preparation of the dissertation.

Submit Manuscripts (at least one) for publication in a Advisor-approved, peer-reviewed publication based on dissertation research at least four months prior to planned Dissertation Defense.

Dissertation Preparation: The dissertation presents the original scholarship or research completed by the student. A dissertation format check by the Ph.D. Office is required before the defense.

File for Graduation via Academica by the first week of classes in the semester you hope to graduate.

Dissertation Defense: The student presents and defends the dissertation in a public lecture. The results of the defense are conveyed to the Graduate School via the Final Defense Report form.

- Submit Dissertation Draft to Dissertation Committee at least 3 weeks prior to scheduled defense.

- At least 2 weeks prior to the scheduled defense date, submit a copy of the Dissertation Public Lecture Presentation-Defense form to Graduate School.

- Following successful defense, submit a correctly Formatted Electronic Dissertation Document as well as a hard copy of the dissertation title page signed by the committee to the Ph.D. Office.

Always rely on Graduate School Website for most current information!!!
Graduate School oversees the Ph.D. process from admission to completion.

Below is a stepwise path to your Ph.D. completion that include:

- Departmental orientation and advising
- Annual Individual Development Plan (IDP) available March 1
- Annual review
- Responsible Conduct for Research
- Plan of Work submission prior to completing 40 credits of coursework
- Qualifying examination/oral examination
- Candidacy and dissertation registration
- Dissertation prospectus and advisory committee
- Dissertation defense

PhD is expected to be completed within 7 years. Under extenuating circumstances, time exceptions may be granted. Please check the Graduate School website for timelines requesting extensions. [https://gradschool.wayne.edu/phd/time-extension](https://gradschool.wayne.edu/phd/time-extension)

For more information on the Ph.D. process, including requirements, policies and procedures, guidelines and forms for completing a Ph.D. program visit [https://gradschool.wayne.edu/phd/process](https://gradschool.wayne.edu/phd/process)

For Ph.D. forms, visit [https://gradschool.wayne.edu/phd/forms](https://gradschool.wayne.edu/phd/forms).

Graduate School email: gradschool@wayne.edu
Curriculum Changes

- **3-Credit Courses**: Starting Fall 2018, all ISE PhD courses to carry 3 credits
  
  - Most other ISE courses also likely to become 3 credit courses

- **External Courses**: ISE department will only cover tuition for 12 credits of doctoral POW courses outside the department for GTAs/GSAs/Rumble Fellows
  
  - External MS Thesis credits will never be covered by the department
  
  - Policy does not apply to GRA students funded directly by faculty

- **PhD Candidacy**: Students can attain candidacy upon completing PhD Preliminary Exams and completing 50 credits of POW coursework
  
  - No need to complete dissertation proposal to start registering for dissertation courses (IE9991 to IE9994), even though it is strongly recommended
Individual Development Plans (IDPs) are documents designed to support doctoral students and postdoctoral trainees in their professional development.

The IDP provides a structure to identify concrete steps towards long-term goals and a framework for constructive conversation between students and their mentors/advisors.

An annual IDP is a MANDATORY requirement for ALL doctoral students and postdoctoral trainees regardless of funding status.

IDP’s must be submitted by the end of the first year and updated annually.

The deadline for PhD students is May 15th of each year.

For more information on how to complete your IDP, visit https://gradschool.wayne.edu/phd/idp
Ph.D. Program Timeline …

Year 1
- Confirm Faculty Advisor
- File Plan of Work
- IDP
- PhD Preliminary Exams
- Annual Review

Year 2
- Qualification Exam
- Prospectus Candidacy
- Update IDP
- Attend and Present at Professional Conference
- Publish in Refereed Journal
- Annual Review

Year 3
- Dissertation Committee Meeting
- Register for Dissertation
- Update IDP
- Attend and Present at Professional Conference
- Publish in Refereed Journal
- Annual Review

Year 4
- Dissertation Defense
- Attend and Present at Professional Conference
- Publish in Refereed Journal
- Update IDP
- Annual Review

Year 5
- Update IDP
- Annual Review
- 7 Year Time Limit

Total = 90 Credits

Graduate School PhD Timeline, Checklist and Dissertation Forms: https://wayne.edu/gradschool/phd/
Selecting Advisor & PhD Committee

- **Single most important decision in the program!**
  - Important Factors: Mutual Areas of Interest, Compatibility
  - Dual Major Advisors (Co-Chairs) is Allowed
  - Students can change advisor, under valid circumstances
    - Student should discuss the change with the current advisor
    - Must submit a Graduate Record/Status Change form, signed by both the old and new advisor, notifying both the Graduate Director and the Graduate School of this change.

- **GTAs have total liberty to choose their advisor**
  - Department never imposes an advisor on the candidate

- **Faculty funding GRA positions might have expectations of the candidates**
  - Candidate should discuss these expectations with the faculty sponsor early on to avoid any misunderstandings

- **PhD Advisory Committee**
  - Shall consist minimally of four members
    - If there are co-chairs, the committee must consist of five members
  - At least two committee members must be from the ISE department
  - Committee chair must hold a Graduate Faculty appointment in the ISE department
  - At least one member, in addition to the chair, must hold a Graduate Faculty appointment
  - Must have an external member from outside the department to broaden the dissertation committee and to represent a different perspective by virtue of his/her field, location or knowledge application.
    - Must be familiar with the standards for doctoral research
    - Member may be from within or outside Wayne State
    - Industry experts are also allowed on PhD Committees (ISE Chair should be supplied candidate’s current CV/Resume)
PhD Preliminary Exams

- Tentative 2018 schedule for the PhD Preliminary Exams:
  - May 30 (Wednesday): Probability Exam from 11AM to 4PM (Prepared by: Drs. Jeremy Rickli - jlrickli@wayne.edu & Saravanan Venkatachalam saravanan.venkatachalam@wayne.edu)
    - Recommended Course: Audit/Take MATH 5700
  - June 1 (Friday): Statistics Exam from 11AM to 4PM (Prepared by: Dr. Qingyu Yang - qyang@wayne.edu)
    - Recommended Course: Audit/Take MATH 5800
  - June 4 (Monday): Operations Research Exam from 11AM to 4PM (Prepared by: Dr. Evrim Dalkiran - evrimd@wayne.edu)
    - Recommended Course: Audit/Take ISE 6560

- Visit department website (http://engineering.wayne.edu/ise/phd/prelimexams.php) for more information/requirements/samples

- Consult faculty for guidance/advice!

- Typical Passing Score: 75 out of 100 Points

- Must pass at least two exams in first attempt; Else, repeat ALL exams

- Two attempts allowed to clear all three exams

- All students admitted in Fall 2017 or before that have not yet cleared the exams have to attempt the exams
Outside Courses

Sample Courses from Other Departments:

- Mathematics:
  - MAT 5700: Introduction to Probability Theory
  - MAT 5800: Introduction to Mathematical Statistics
  - MAT 5710: Introduction to Stochastic Processes
  - MAT 5830: Applied Time Series
  - MAT 6840: Linear Statistical Models
- Computer Science:
  - CSC 6580: Design and Analysis of Algorithms
  - CSC 7810: Data Mining: Algorithms and Applications
- Business/Management:
  - Several
- Economics:
  - ECO 7110: Econometrics II
  - ECO 7120: Econometrics III
  - ECO 7550: Economics of Health Care I
- Psychology:
  - PSY 8150: Multivariate Analysis

Courses from Other Michigan Schools: Michigan Intercollegiate Graduate Studies (MIGS) Program

- Graduate students who are in good standing in a degree program are eligible to take graduate courses at several graduate schools in Michigan with prior approval of their Home and potential Host Institutions.

Directed Studies

- Independent studies may be authorized for areas of interest not covered by existing coursework.
- Before registering for directed study, he/she should prepare an outline of the study and obtain the approval of the directed study course instructor and the PhD Programs Director using the Petition for Directed Study form.

ISE Department will only pay for a maximum of 12 credits of coursework outside the department for GTAs. Students have to pay for their own tuition if pursuing any degrees in parallel.
Research Productivity Expectations

- **Journal Publications:** Must dispatch at least one journal manuscript based on dissertation research four months ahead of defense
  - Candidates seeking academic positions should have published couple of articles in high impact journals to be considered seriously
  - Funded students will be expected to dispatch manuscripts starting 2nd year!

- **Graduate Research Symposium:**
  - Active participation is expected

- **Research Seminars:**
  - Active participation expected

- **Rigorous Annual Evaluations:**
  - IDPs and Annual Evaluation forms will determine ongoing funding support for GTAs, GSAs, and Rumble Fellows
  - Funding unlikely for students entering fifth or sixth years in program
Scholarly Writing Course for Non-Native English Speakers (ENGLISH 5850)  
Restricted to Students Enrolled in Ph.D. Programs

Helps graduate students become more confident in expressing themselves throughout the drafting process in writing scholarly English for academic and research purposes!

- Course Objectives:
  - Focusing on language style, grammar, punctuation, vocabulary, organization and tone for academic and scholarly writing
  - Editing skills required for being a more confident and self-sufficient writer
  - Avoiding plagiarism via summarizing, paraphrasing and documentation of sources
  - Predicting the expectations of the English-speaking academic and scholarly reader
  - Completing an article critique, a literature review and a research proposal

- Course Activities:
  - Examining journal articles from the student’s field to analyze genre, tone, organization, transitions, and language; writing multiple drafts of three papers with instructor and peer review; and targeting grammar and language issues. Workload is substantial.

- Student Comments from Previous Course Evaluations:
  - “This class has improved not only the way I write but also the way I think. Now that I am more familiar with the structure, I have more confidence. It also helps me think more analytically.”
  - “The thing I like most about this class is I am able to learn things about scholarly writing that I never even knew about or cared about before.”
  - “It is a necessary course for all non-native English speakers...in fact, it should be mandatory.”
  - “The class covers every tiny detail about scholarly writing.”
  - “It’s one of the most valuable courses of my Ph.D. program.”

- Steps to Register:
  - Registration for this course is restricted to graduate students enrolled in Ph.D. programs who are non-native English speakers. Registration requires permission from the English Language Institute via an override. Class size is limited to 15.
  - To Register: Send your WSU 9-digit Banner ID# to Sara Tipton, at the English Language Institute, 367 Manoogian Hall: s.tipton@wayne.edu, or Call 313-577-7706.
Graduate School provides more than $20 million a year in student support to help graduate students fund their education.

Financial support can come in many forms and from various channels—individual departments within the university, merit-based scholarships, fellowships, need-based financial aid and an array of external sources.

Be sure to check with your advisor for specific application information and unique opportunities in your field. Eligibility, enrollment and application requirements vary.

For more information, visit https://gradschool.wayne.edu/funding
Graduate School promotes exploration in a variety of careers and provides a range of professional development opportunities for graduate students and postdoctoral scholars as they prepare for these careers and goals.

Our Graduate and Postdoctoral Professional Development (GPPD) seminar series covers a range of topics that are of interest to trainees including abstract writing, job search skills, poster presentation skills, and career opportunities. This annual series is organized by nationally recognized core competencies.

For more information, visit: [https://gradschool.wayne.edu/professional-development](https://gradschool.wayne.edu/professional-development)
Wayne State’s BEST program is funded by the National Institutes of Health (NIH) to provide doctoral students, postdocs and faculty with information on exploring multiple career pathways in areas such as:

- science writing and communication
- biotech and pharmaceutical industries
- state and federal government
- regulatory science
- research administration
- public policy
- undergraduate college teaching
- law

Our 3-phase approach provides participants with training that focuses on how their scientific skills, problem-solving abilities and analytical skills are transferrable to other domains. Training includes information sessions, hands-on workshops and immersive learning experiences.

Visit [https://gradschool.wayne.edu/best/about](https://gradschool.wayne.edu/best/about) for more information.
Graduate School has identified five core competency areas that are critical to successful degree completion, scholarly and creative contributions and leadership roles across diverse career paths:

- A micro-credential, also called a digital badge, is a tool for showcasing the skills and experience that may not be readily apparent by reading an academic transcript, resume or CV. These badges are shareable via social media or professional websites to demonstrate skills and experience to prospective employers, colleagues and peers.

- Micro-credentials in each of the areas above are issued to graduate students and postdoctoral scholars who participate in various professional development seminars, workshops and activities, and demonstrate mastery of skills within each category as evaluated by expert faculty and facilitators. For more information visit [https://gradschool.wayne.edu/professional-development/micro-credentials](https://gradschool.wayne.edu/professional-development/micro-credentials)
What do our PhD graduates do after completion?

The Graduate School data dashboard shows the detailed career pathways of our Ph.D. alumni from the past 15 years.

Supported by grants from the National Institutes of Health and the Council of Graduate Schools.

For more information, visit https://gradschool.wayne.edu/dashboard
Additional Topics

- Internships
- Teaching Opportunities
- Work Ethic
- GTAs: 20Hrs/Week
- Fellowships / Awards
- Graduate Research Symposia
- Conference Travel Support from 2nd Year (Speaker/Alignment)
- Job Market
- Library Services
- Office Space
- IT Systems:
  - Blackboard Course Management System
  - Academica (Registration and lot more)
Academica - Course Registration & More

Login Using AccessID: https://academica.aws.wayne.edu/

New PhD Student Orientation
Questions?