NOTE: The Informatics Department has two Master of Science Degrees – a Master of Science in Human Computer Interaction and a Master of Science in Informatics, which follow the policies, described in this 2018 Handbook and the University Graduate School Bulletin 2017-2018. This 2018 Handbook does not substitute for the official University Graduate School (UGS) Bulletin. Always consult the UGS Bulletin for further details and official explanations.

It is the student’s sole responsibility to fulfill all requirements of their Master of Science degree as described in this 2018 Handbook and the UGS Bulletin. Review these documents each semester and consult with the Informatics Graduate Studies Office for help.

This 2018 Handbook contains text from the University Graduate School Bulletin, the University Graduate School 2018 Handbooks, and the Office of International Services. We use this text with their permission, and we appreciate their cooperation.
VALUES
All students must abide by the Indiana University Code of Student Rights, Responsibilities, & Conduct, http://www.indiana.edu/~code/. This applies to scholarship, any role the student may have as an Associate Instructor (AI), relations with colleagues, relations with students, and compliance with academic standards with respect to academic ethics.

In particular, if students are not familiar with the concept and best practices of avoiding any hint of plagiarism in American universities, they should become familiar with these standards. The Code provides a series of documents describing the behaviors, ideals, and goals for Indiana University.

SCIENCE, TECHNOLOGY, ENGINEERING OR MATHEMATICS (STEM FIELD)
Informatics is in the science, technology, engineering or a mathematics (STEM) field. Informatics international students are eligible for a STEM OPT Extension. For more information about the STEM OPT Extension and a list of qualifying STEM majors, go to https://ois.iu.edu/living-working/employment/f1/optional/stem-opt.html.

MASTERS’ PROGRAMS OF STUDY
Master of Science in Human Computer Interaction
The School website contains a full description of the M.S. in Human Computer Interaction program.

Master of Science in Informatics
The School website contains a full description of the M.S. in Informatics program.

LENGTH OF PROGRAM
Both the M.S. in Human Computer Interaction and the M.S. in Informatics require 36 credit hours. Typically, it takes two years to complete the M.S. in Human Computer Interaction and the M.S. in Informatics – nine credit hours per semester for four semesters. Master’s students will enroll full-time each semester. The student’s track director and the Director of Graduate Studies must approve exceptions. During the summer between Year I and Year II of their studies, students often take an internship.

FULL-TIME STATUS
A student must be enrolled in a minimum of eight (8) credit hours each semester to be considered full-time. Audited courses are not counted in the definition of “full-time study." It is imperative that international students maintain full-time status to remain in visa compliance. For questions about visa compliance, contact the Office of International Services (ois@iu.edu).

PART-TIME STATUS
Approval must be given for a student to be enrolled as a part-time student (less than
8 credit hours). Email the Informatics Graduate Studies Office for additional information (inforecd@indiana.edu).

**LEAVE OF ABSENCE**

A leave of absence allows Informatics graduate students to deal with unforeseen events that interfere with their academic progress. During a leave, the student is not expected to make progress toward the degree. Although the student may complete coursework from previous terms during a leave, the student may not attend class or use the leave to catch up on current coursework, prepare for exams, work on the capstone, and/or the master’s thesis project.

To be eligible for a leave, the student must be enrolled full time in an Informatics graduate program and have completed at least one semester (a minimum of nine credit hours) in the program. The student must be in good academic standing—if they are on academic probation, they are not eligible for a leave.

Approval must be given for a student to take a leave of absence (less than 8 credit hours). Email the Informatics Graduate Studies Office for additional information (inforecd@indiana.edu).

**FUNDING**

The student’s admission letter details any funding awarded to the student. Funding, if awarded, is in the form of a 10-hour-per-week appointment for duties within the School of Informatics, Computing, and Engineering. The amount of the award will be approximately $5,000 for the academic year. A student will be paid bi-weekly at the rate of approximately $15 per hour. The 10-hour-per-week work will typically be a teaching assistantship.

Students are required to fulfill their appointment responsibilities of grading finals and other administrative duties through the end of finals week for both the fall and spring semesters. Therefore, students should remain on campus until Saturday, December 15, 2018, and return to campus for the spring semester on or before Sunday, January 6, 2019. Students should remain on campus until Saturday, May 4, 2019. Failure to fulfill the appointment responsibilities may result in termination of the appointment.

In addition to the 10-hour-per week appointment, students are awarded a $1,000 financial award to help them with the cost of attending Indiana University. This award will be placed directly on the student’s bursar bill, half in the fall and half in the spring semesters.

The 10-hour-per-week appointment and the $1,000 financial award may be repeated during the second year depending on availability of funds and the student’s performance in the program.
TRAVEL AWARD
To enhance academic and professional goals, students will have opportunities to travel in the United States and abroad. To help defray expenses, students receive a Travel Allowance Award of up to $800 during the first two years of study.

GRADUATE CREDIT
Only courses listed in the University Graduate School bulletin or specifically allowed by it may be counted towards the requirements for a degree offered by the University Graduate School. These courses are ordinarily numbered by the 500 level or above. In certain cases, courses at the 300 and 400 level have been specifically approved for graduate credit; all such courses are listed in the University Graduate School bulletin. Normally, these courses require a higher level of performance and significantly more work (such as an increased number of readings, additional papers, extra class sessions, oral class presentations) for the graduate students than for the undergraduates.

NOTE: Before enrolling in an undergraduate course, please consult the Informatics Graduate Studies office.

SUBSTITUTIONS AND EXCEPTIONS
Any course substitution or exception must be approved in advance. Email the Informatics Graduate Studies Office for additional information (inforecd@indiana.edu).

GRADES
The minimum overall GPA of a grade of B (3.0) for all graduate Informatics courses is required. A student whose semester GPA falls below a grade of B (3.0) will be put on probation. The student must raise their semester and cumulative grade point average to a B (3.0) or higher by the end of the following semester. Failure to do so may result in academic dismissal from the program. A student whose cumulative GPA falls below a grade of B (3.0) for two consecutive semesters (excluding summer) may result in academic dismissal from the program.

ACADEMIC EXPECTATIONS
All students must (1) maintain a GPA of 3.0 or above; (2) complete coursework in a timely manner; (3) maintain academic integrity; (4) maintain a good academic standing; and (5) conduct themselves in accordance with the Indiana University’s Code of Student Rights, Responsibilities, & Conduct, http://www.indiana.edu/~code/. Failure to maintain any of the above requirements will result in the student being placed on academic probation or dismissal from the program. Funding may be in jeopardy as well.
**ACADEMIC PROBATION**

A student will be placed on academic probation if the student’s GPA falls below a 3.0 and/or if a student fails to make satisfactory progress in the program. To return to satisfactory progress status, students must bring their GPA cumulative grade point average to 3.0 or higher by the end of the next semester. Failure to do so may result in academic dismissal from the program.

**GRADUATION**

All graduate students are encouraged to participate in Commencement. Indiana University hosts two university wide commencement events – Winter and Spring. The majority of the students attend the Spring Commencement. Students who finish their degree during the fall can attend the Winter or Spring Commencement. The solemn yet colorful academic pageantry can provide a fitting culmination to a period of intense study and work.

**Indiana University Commencement Event** on Friday, May 3, 2019 at 3:00pm in Simon Skjodt Assembly Hall, 1001 E. 17th Street in Bloomington. In early spring 2019, information will be distributed with instructions on how to register for the Indiana University Commencement Event. Visit [https://commencement.indiana.edu/index.html](https://commencement.indiana.edu/index.html) for detailed information. Be sure to watch for these emails as many of the deadlines are time sensitive.

In addition to Indiana University’s Commencement Event, the School of Informatics, Computing, and Engineering hosts a Celebration Event.

**School of Informatics, Computing, and Engineering Celebration Event** on Thursday, May 2, 2019 at 10:00am in Indiana University Auditorium, 1211 E. 7th Street in Bloomington. In early spring 2019, information will be distributed with instructions on how to register for the School of Informatics, Computing, and Engineering Celebration Event. Be sure to watch for these emails as many of the deadlines are time sensitive.

**DIPLOMAS**

Master’s students’ diplomas will read “Master of Science in Human Computer Interaction” or “Master of Science in Informatics” depending on the degree the student earned.

**TRANSCRIPTS**

The transcript and diploma will reflect the degree earned as either the Master of Science in Human Computer Interaction or Master of Science in Informatics.

**REGISTRATION**

To help with the registration process, students are given an Informatics Course Planning Checklist and a Course Registration Form. Ph.D. and M.S. Informatics students meet with their advisor prior to registering to plan courses for the
upcoming semester. M.S. Human Computer Interaction (HCI) students follow the career plan presented during orientation. The student may schedule an appointment with Beverly Diekhoff using the Student Appointment Scheduler (SAS) (https://adrx.iu.edu/sisarex-prd/adrx/apptScheduler) via one.iu.edu (a web-based registration service).

Some courses require course permission from the instructor and/or the department prior to enrollment. This information is found in the Schedule of Classes which is located at http://registrar.indiana.edu/calendars/schedule-of-classes.shtml. If the course is listed as requiring permission from the instructor or the department, students must contact via email the instructor and/or the department listed for the course to obtain permission. The email reply must be forwarded to inforecd@indiana.edu.

Independent study classes and all research classes taken prior to entering candidacy require that the student and the instructor define the study/rotation, including the deliverables. Students should complete the Informatics Independent Study/Rotation/Research Agreement, obtain the signed permission of the instructor supervising the study/rotation, and submit it to inforecd@indiana.edu along with the Course Registration Form.

After all approvals are secured, students should complete the Course Registration Form and ask their advisor sign it. (Advisor approval is not required for M.S. HCI students.) Students should then send registration and agreement forms to inforecd@indiana.edu. The Informatics Graduate Studies Office will process the form and notify students by email of any issues or that students may proceed with registration for the term.

Students then register for courses via one.iu.edu.

Instructions for how to register are found at websites for Student Central https://studentcentral.indiana.edu/register/steps-register/index.html and the Enrollment and Student Academic Information Bulletin http://enrollmentbulletin.indiana.edu/pages/registration.php?t=fall#procedure

**WAITLIST**

If a course is shown as full, the student should add themselves to the waitlist, which serves as a place holder in the registration line. When students who enrolled in the course drop or when the enrollment cap is expanded, students on the waitlist will be admitted into the course in order. Note: The waitlist runs for the last time on the Thursday before the first day of classes. Anyone on the waitlist is removed and needs to register for class as soon as the last waitlist runs. The Drop if Enroll feature allows a student to enroll in another course while waitlisted for their course of first preference. Students must remember to cancel this feature if they decide to remain in the class of their second choice. The Swap feature allows a student to delay dropping a course until they are safely enrolled in their new class.
**Changes to Registration**

**Permission.** Any deviations from a student’s approved Course Registration Form requires that the student request approval from the advisor (for Ph.D. or M.S. Informatics students) or from the program director (for M.S. HCI students) if the course to be dropped/added is a program core course or required for the student’s track or minor. Approval should then be conveyed in writing (email or signed document) to the Informatics Graduate Studies Office.

**Fees/Refund.** Starting two business days after the student’s initial registration, a system access fee of $8.50 is charged every calendar day the student makes one or more successful adjustments to their schedule. A $23 late schedule change fee is assessed for each course dropped after the first week of classes. The late schedule change fee also applies to a section change, a change of arranged hours, or an audit change.

Students are responsible for paying all drop and add fees. 100% of tuition is refunded for a course dropped during the first week of classes. After the first week, the amount of tuition refunded (if any) for a dropped course depends on the type of session the course is and when the course is dropped.

*Fees are current at the time of publication and are subject to change.

**Withdrawal.** During the automatic withdrawal period (see the Registrar’s Official Calendar for exact dates), students who withdraw will be assigned an automatic grade of W. After that period, withdrawals are only possible with approval from the Dean, which is normally given only for urgent reasons such as illness. Instructors may award a grade of F for a student who is failing and withdraws after the automatic withdrawal period.
**FALL TERM 2018 REGISTRATION FEES***
For delaying and/or changing initial enrollment, various fees are charged. Students are responsible for paying all registration fees.

*Fees are current at the time of publication and are subject to change.

**DEADLINE TO REGISTER – AUGUST 16, 2018**
Starting August 17, 2018, a late registration fee is assessed to students who fail to register during their scheduled registration period. The fee begins at $60 for students who register on or after August 17, 2018. The late registration fee increases by $10 on Monday of each successive week thereafter. The maximum late registration fee is $210.

**DROP AND ADD COURSES BY AUGUST 26, 2018**
Before August 27, 2018, students should use the Drop or Add Classes application in the Student Center of one.iu.edu.

After August 26, 2018 but before the automatic withdrawal period, the student should use the search feature at for the Late Drop/Add application on the one.iu.edu landing page. The student should proceed after choosing the “Late/Drop Add Classes after the first week of classes” application (also known as eDrop/eAdd) that appears.

**LATE SCHEDULE CHANGE FEE – AFTER AUGUST 26, 2018**
After August 26, 2018, a fee of $23 is assessed for every course dropped.

**REFUNDS**
For course dropped in the first week, the full tuition of the course is refunded. In the second, third, and fourth weeks of regular term courses, refunds are 75%, 50%, and 25%, respectively. Later drops receive no refunds.
**SPRING TERM 2019 REGISTRATION FEES**

All Spring 2019 dates are tentative as of this 08/2018 publication.

For delaying and/or changing initial enrollment, various fees are charged. Students are responsible for paying all registration fees.

*Fees are current at the time of publication and are subject to change.

**DEADLINE TO REGISTER – JANUARY 3, 2019**

Starting January 4, 2019, a fee is assessed to students who fail to register during their scheduled registration period. The fee begins at $60 for students who register on the last Friday before semester classes begin. The late registration fee increases by $10 on Monday of each successive week thereafter. The maximum late registration fee is $210.

**DROP AND ADD COURSES BY JANUARY 13, 2019**

Before January 14, 2019, students should use the Drop or Add Classes application in the Student Center of one.iu.edu.

After January 13, 2019, but before the automatic withdrawal period, students should use the search feature at the Late Drop/Add application (also known as eDrop/eAdd) on the one.iu.edu landing page. The student should proceed after choosing the “Late/Drop Add Classes after the first week of classes” application that appears.

**LATE SCHEDULE CHANGE FEE – AFTER JANUARY 13, 2019**

After January 13, 2019, a fee of $23 is assessed for every course dropped.

**REFUNDS**

For course dropped in the first week, the full tuition of the course is refunded. In the second, third, and fourth weeks of regular term courses, refunds are 75%, 50%, and 25%, respectively. Later drops receive no refunds.

**HOW TO REGISTER FOR COURSES AND ENROLLMENT SHOPPING CART**

To register for classes, a student will need their IU network ID username, passphrase, and DUO to log into one.iu.edu.

[How to Register for Classes and Enrollment Shopping Cart](https://kb.iu.edu/d/anig)
• **Determining whether students have holds on their record**  
  (https://kb.iu.edu/d/anig#holds)

• **Viewing class permissions**  
  (https://kb.iu.edu/d/anig#perm)

• **Using the Enrollment Shopping Cart**  
  (https://kb.iu.edu/d/anig#cart)
  - Adding classes  
    (https://kb.iu.edu/d/anig#adding)
  - Registering from the shopping cart  
    (https://kb.iu.edu/d/anig#regcart)

• **Using Class Registration**  
  (https://kb.iu.edu/d/anig#regdrop)
  - Registering for classes  
    (https://kb.iu.edu/d/anig#regclass)
  - Dropping a class  
    (https://kb.iu.edu/d/anig#dropclass)
  - Editing classes with variable credit  
    (https://kb.iu.edu/d/anig#variable)
  - Swapping classes  
    (https://kb.iu.edu/d/anig#swapping)

• **Viewing class schedule details**  
  (https://kb.iu.edu/d/anig#det)

Additional steps on how to register are available through the UITS Knowledge Base:  
http://www.kb.iu.edu/data/anig.html

**Bursar Bill**

Tuition, fees, and all other charges (e.g., IU Health Center, IU Library) are billed to the student on their Bursar bill. Payments are due the 10th of the month. For a list of the Bursar Bill Due Dates go to https://studentcentral.indiana.edu/pay-for-college/pay-bill/due-dates.html.

To pay the Bursar bill, students can mail a personal check, cashier’s check, or money order made payable to Indiana University and sent to IU Bloomington Lockbox, Office of the Bursar—Bloomington, Payment Processing Center, P.O. Box 7237, Indianapolis, IN 46206-7237. Students may also pay in person at the Poplars Building from 9:00 a.m. to 4:30 p.m. on weekdays (except holidays).

**Master of Science in Human Computer Interaction (M.S. HCI)**

Our Human Computer Interaction (HCI/d) program offers a unique graduate experience that creates design professionals who will shape the future of design. Our graduates make an impact immediately and quickly grow into the design leaders of the next generation. IU’s HCI/d program was the first in the United States to emphasize design as an equal partner to HCI. The original vision, updated to reflect today’s technologies and trends, has been crafted to lay the groundwork for students to grow rapidly into sought after design leaders.

Traditionally, HCI has been the domain of engineering and psychology. Here, we approach it from the perspective of design. Our focus goes beyond simply using technology to solve a problem. It is about creating a technology experience that will be functional, intuitive, and even delightful for the people who use it. Students from a
variety of backgrounds, from computer science to the liberal arts, come together to study and practice the design of computer technology creating a close-knit, high collaborative and imaginative group. Our students build relationships and skills that continue long after they graduate.

**REQUIREMENTS**

The Master of Science in HCI/d (design emphasis) is an intensive, two-year program that teaches students to shape new media, interactive tools, artifacts, and system in ways that enhance usability, augment learning, facilitate communication, and enrich the lives of the people using them. The Master of Science degree program in HCI/d consists of 36 credit hours of studies, normally taken over two (2) consecutive years, evenly distributed as three (3) classes or nine (9) credit hours per semester. To receive the M.S. HCI/d degree, a student must

- Complete 36 credit hours of graduate work with no individual course grade below a C (2.0)
- Maintain a B (3.0) or better GPA
- Meet all the course requirements as stated in the handbook for the term of matriculation
- Meet all of the above requirements within five (5) calendar years of initial matriculation

**GRADES**

The minimum overall GPA of a grade of B (3.0) for all graduate Informatics courses is required. A student whose semester GPA falls below a grade of B (3.0) will be put on probation. The student must raise their semester and cumulative grade point average of B (3.0) or higher by the end of the following semester. Failure to do so may result in academic dismissal from the program. A student whose cumulative GPA falls below a grade of B (3.0) for two consecutive semesters (excluding summer) may result in academic dismissal from the program.

**CURRICULUM**

The Master of Science Degree Program in HCI/d consists of 36 credit hours of required and elective courses evenly distributed as three (3) classes or nine (9) credit hours per semester.

**Year 1 Fall**

- INFO-I 541 Intro to HCI/d [Interaction Design Practice] (3 cr.)
- INFO-I 542 Foundations of HCI/d (3 cr.)
- INFO-I 561 Visual Thinking, Meaning and Form (3 cr.)

**Year 1 Spring**

- INFO-I 543 Interaction Design Methods (3 cr.)
- INFO-I 590 Topics in Informatics: Interaction Design Studio (3 cr.)
- Elective (3 cr.)

**Year 2 Fall**

2018 MS Handbook

Rev. 20180806
• INFO-I 544 Experience Design (3 cr.)
• INFO-I 549 Advanced Prototyping (3 cr.)
• INFO-I 694 Thesis/Project in Human Computer Interaction I (3 cr.)

Year 2 Spring
• INFO-I 694 Thesis/Project in Human Computer Interaction II (3 cr.)
• Elective (3 cr.)
• Elective (3 cr.)

*Electives and Recommended Electives
• INFO-I 528 (PD) Participatory Design (3 cr.)
• INFO-I 567 (DS) Design Strategy (3 cr.)
• SOAD-S 552 Graphic Design Grad Non-Majors (3 cr.)
• INFO-I 568 (TE) Technology Entrepreneurship (3 cr.)
• INFO-I 590 (IC) Topics in Informatics: Interaction Culture (3 cr.)
• INFO-I 590 (SC) Topics in Informatics: Social Computing (3 cr.)
• INFO-I 590 (S) Topics in Informatics: Sustainability (3 cr.)
• INFO-I 590 (VL) Topics in Informatics: Visual Literacy in HCI/d (3 cr.)

Only available to 2-year M.S. HCI Students
• INFO-I 604 HCI Design Theory (3 cr.)

The recommended electives detailed above are the elective classes that students most typically select and the classes, which they can select without additional approval from the program director. It is possible for students to tailor their particular program by selecting with approval of the director alternative graduate classes from within the University. Independent Study or Internship credits are sometimes possible as an additional alternative, as described in the HCI/d M.S. Handbook. Electives can be from any school at Indiana University with courses related to the student's area of concentration, including other areas in Informatics, Computer Science, Data Science, and Information & Library Science.
MASTER OF SCIENCE IN HUMAN COMPUTER INTERACTION

FALL 2018 MS HUMAN COMPUTER INTERACTION/DESIGN (HCI) REQUIREMENTS

In order to receive the MS HCI Degree from Indiana University School of Informatics and Computing, you must:

- Apply and be admitted into the MS HCI program
- Complete 36 credit hours of graduate work with no individual course grade below a C (2.0)
- Maintain a 3.0 or better GPA
- Meet all the course requirements as stated in the handbook for the term of matriculation
- Meet all of the above requirements within five (5) calendar years of initial matriculation

*List of Approved Electives. You can take 9 credits of electives. Listed below are the recommended electives that most students typically select. These electives do not require additional approval from the track director. All other electives require approval by the track director. The elective list below is subject to change. Note that some electives are only available to 2-year MS HCI students and may require approval.

- INFO-I 528 (PD) Participatory Design (3 cr.)
- INFO-I 567 (DS) Design Strategy (3 cr.)
- SOAD-S 552 Graphic Design Grad Non-Majors (3 cr.)
- INFO-I 568 (TE) Technology Entrepreneurship (3 cr.)
- INFO-I 590 (IC) Topics in Informatics: Interaction Culture (3 cr.)
- INFO-I 590 (SC) Topics in Informatics: Social Computing (3 cr.)
- INFO-I 590 (S) Topics in Informatics: Sustainability (3 cr.)
- INFO-I 590 (VL) Topics in Informatics: Visual Literacy in HCI/d (3 cr.)

Only available to 2-year M.S. HCI Students

- INFO-I 604 HCI Design Theory (3 cr.)
## 2018 MS HCI Admits Course Planning Checklist

**Student’s Name:**

**Student’s Email:**

**Student ID:**

**Admit Term:**

### Year 1 Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Term Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFO-I-541</td>
<td>Intro to HCI/d [Interaction Design Practice]</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INFO-I-542</td>
<td>Foundations of HCI/d</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INFO-I-561</td>
<td>Visual Thinking, Meaning and Form</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits Taken:**

### Year 1 Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Term Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFO-I-543</td>
<td>Interaction Design Methods</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INFO-I-590</td>
<td>Topics in informatics: Interaction Design Studio</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Elective:

**Total Credits Taken:**

### Year 2 Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Term Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFO-I-544</td>
<td>Experience Design</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INFO-I-549</td>
<td>Advanced Prototyping</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INFO-I-694</td>
<td>Thesis/Project in Human-Computer Interaction I</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits Taken:**

### Year 2 Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Term Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFO-I-694</td>
<td>Thesis/Project in Human-Computer Interaction II</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Elective:

*Elective:

**Total Credits Taken:**

**Total Number Credits Taken:**

**Degree Conferral Date:**

*Approved Electives are listed on the back of this form.*
MASTER OF SCIENCE IN INFORMATICS (MSI)

Our Master of Science in Informatics program provides multiple paths to advanced study on the technological, social, and scientific impact of information technology. We offer a wide range of multidisciplinary classes that will allow a student to forge their future while also building the skills they need to be successful in industry or academia.

Beyond the pursuit of a degree, our Masters of Informatics track is designed for students who are thinking about entering a specific Ph.D. track. Each M.S. in Informatics student is assigned a faculty advisor who will help the student decide if the Ph.D. in Informatics track is right for them. In certain circumstances, credits for the M.S. in Informatics may be transferred to the Ph.D. program. The courses taken must have a coherent focus within the general field of Informatics.

REQUIREMENTS

The student’s advisor and the Informatics Director of Graduate Studies must approve all coursework prior to taking the course.

To receive the M.S. Informatics degree from Indiana University School of Informatics, Computing, and Engineering, the student must:

- Complete 36 credit hours – 27 credit hours of Informatics courses and nine (9) credit hours of electives of any graduate level coursework within or outside the School of Informatics, Computing, and Engineering with no individual course grade below a C (2.0)
- Maintain a minimum B (3.0) GPA
- Complete the course requirements as stated in the handbook for the term of matriculation
- Meet all of the above requirements within five (5) calendar years of initial matriculation

<table>
<thead>
<tr>
<th>Master of Science in Informatics Requirements</th>
<th>Credit hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Informatics Courses</strong> approved by the student’s advisor and Informatics Director of Graduate Studies</td>
<td>27</td>
</tr>
<tr>
<td><strong>Electives</strong> (any graduate level course within or outside of the School of Informatics, Computing, and Engineering, including Computer Science; Data Science; Information and Library Sciences; and Intelligent Systems Engineering.) Student’s advisor, track director, and the Informatics Director of Graduate Studies must approve electives.</td>
<td>9</td>
</tr>
<tr>
<td><strong>Total Credit Hours to Graduate</strong></td>
<td>36</td>
</tr>
</tbody>
</table>
Sample Curriculum

The following is a sample two-year curriculum. Students should consult with their advisor and the Director of Graduate Studies in order to select courses that will best support their plans and career goals.

**MASTER OF SCIENCE IN INFORMATICS SAMPLE SCHEDULE OF COURSES**

<table>
<thead>
<tr>
<th>Fall Year 1 (9 credit hours)</th>
<th>Spring Year 1 (9 credit hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Informatics Course (3 cr. hrs.)</td>
<td>Informatics Course (3 cr. hrs.)</td>
</tr>
<tr>
<td>Informatics Course (3 cr. hrs.)</td>
<td>Informatics Course (3 cr. hrs.)</td>
</tr>
<tr>
<td>Informatics Course (3 cr. hrs.)</td>
<td>Elective (3 cr. hrs.)</td>
</tr>
<tr>
<td><strong>Fall Year 2 (9 credit hours)</strong></td>
<td><strong>Spring Year 2 (9 credit hours)</strong></td>
</tr>
<tr>
<td>Informatics Course (3 cr. hrs.)</td>
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<tr>
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</tr>
<tr>
<td>Elective (3 cr. hrs.)</td>
<td>Elective (3 cr. hrs.)</td>
</tr>
</tbody>
</table>

**GRADES**

The minimum overall GPA of a grade of B (3.0) for all graduate courses is required. A student whose semester GPA fall below a grade of B (3.0) will be put on probation. The student must raise their semester and cumulative GPA to B (3.0) or higher by the end of the following semester. Failure to do so may result in academic dismissal from the program. A student whose cumulative GPA falls below a grade of B (3.0) for two consecutive semesters (excluding summer) may result in academic dismissal from the program.
MASTER OF SCIENCE IN INFORMATICS CHECKLIST

MS INFORMATICS REQUIREMENTS
In order to receive the MS Informatics Degree from Indiana University School of Informatics and Computing, you must:
- Apply and be admitted into the MS Informatics program
- Meet all the course requirements as stated in the handbook for the term of matriculation
- Meet all of the above requirements within five (5) calendar years of initial matriculation
- Maintain a 3.0 or better GPA
- MS Informatics Course Requirements

<table>
<thead>
<tr>
<th>MS Informatics Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Informatics Courses approved by advisor and Director of Graduate Studies, Informatics</td>
<td>27 cr.</td>
</tr>
<tr>
<td>Electives (any graduate level course within or outside the School of Informatics and Computing) Must be approved by advisor and Director of Graduate Studies, Informatics</td>
<td>9 cr.</td>
</tr>
<tr>
<td><strong>Total Credits Required to Graduate</strong></td>
<td><strong>36 cr.</strong></td>
</tr>
</tbody>
</table>

*Approved Informatics Courses:
INFO 5500 Fundamental Computer Concepts for Informatics
INFO 5011 Introduction to Informatics
INFO 5012 Human-Centered Research Methods in Informatics
INFO 5044 Social Dimensions of Science Informatics
INFO 5046 Globalization and Information
INFO 5097 Introduction to Health Informatics
INFO 5110 Introduction to Bioinformatics
INFO 5200 Security for Networked Systems
INFO 5211 Malware Epidemic: Threat and Defense
INFO 5232 Big Data Applications and Analytics
INFO 5244 Big Data Software and Projects
INFO 5252 Organizational Informatics and Economics of Security
INFO 5276 Applied Machine Learning
INFO 5277 Mobile and Persasive Design
INFO 5278 Participatory Design
INFO 5290 Machine Learning in Bioinformatics
INFO 5350 Field Deployments
INFO 5351 Seminar in Health Informatics
INFO 5352 Seminar in Bioinformatics
INFO 5353 Systems and Protocol Security and Information Assurance
INFO 5354 Seminar in Human-Computer Interaction
INFO 5355 Management, Access, and Use of Big and Complex Data
INFO 5356 Foundational Mathematics of Cybersecurity
INFO 5357 Legal and Social Informatics of Security
INFO 5358 Introduction to Cryptography
INFO 5359 Cryptographic Protocols
INFO 5400 Human Robot Interaction
INFO 5411 Interaction Design Practice
INFO 5420 Foundations of HCI
INFO 5423 Interaction Design Methods
INFO 544 Experience Design
INFO 545 Music Information Representation, Search, and Retrieval
INFO 546 Music Information Processing: Symbolic
INFO 547 Music Information Processing: Audio
INFO 548 Introduction to Music Informatics
INFO 549 Advanced Prototyping
INFO 5531 Ind Study in Bioinformatics
INFO 5532 Ind Study in Chem Informatics
INFO 5533 Ind Study in Human Computer Interaction
INFO 5541 Ind Study in HCI Design
FOR INTERNATIONAL STUDENTS

CPT AND OPT
All international students are required to have authorization from the Office of International Services (OIS) before starting work, training, internships, etc. Working without proper authorization is a violation of the student’s legal status and will result in the termination of the student’s Student and Exchange Visitor Information System (SEVIS) record.

CPT AND OPT TIPS
- Requests for CPT and OPT must be completed in sequence.
- The approval process often takes several weeks and it cannot be rushed. Allow plenty of time for approval.
- When asked for an advisor’s name, use Beverly Diekhoff, the Informatics Graduate Records Coordinator.
- When asked for an email address, use inforecd@indiana.edu.
- On all email correspondence regarding CPT and OPT, copy inforecd@indiana.edu.
- Employment, internships, etc. must not begin until the date authorized in the I-20 issued by OIS.

CURRICULAR PRACTICAL TRAINING FOR F-1 STUDENTS
International students who have an F-1 visa and have a practical training opportunity that will provide the student with practical experience in their field of study before the student graduates, such as an internship may be eligible for a type of authorization called Curricular Practical Training (CPT). This information was taken from https://ois.iu.edu/living-working/employment/f1/curricular.html. For more information on CPT, contact the Office of International Services at ois@iu.edu.

NOTE: Students must fill out the iStart forms. List Beverly Diekhoff as the advisor and her email address as inforecd@indiana.edu. By using inforecd@indiana.edu anyone in the Informatics Graduate Studies Office can help with the iStart request.

OPTIONAL PRACTICAL TRAINING FOR F-1 STUDENTS
International students who have an F-1 visa and will be completing a program of study, the student may be eligible for 12 months of Optional Practical Training (OPT). OPT allows students to gain practical training and experience related to the student’s major field of study. This information was taken from https://ois.iu.edu/living-working/employment/f1/optional/index.html. For more information on OPT, contact the Office of International Services at ois@iu.edu.

NOTE: Students must fill out the iStart forms. List Beverly Diekhoff as the advisor and her email address as inforecd@indiana.edu. By using inforecd@indiana.edu anyone in the Informatics Graduate Studies Office can help with the iStart request.
RESOURCES

COUNSELING AND PSYCHOLOGICAL SERVICES (CAPS)
For information about the Counseling and Psychological Services (CAPS) for students, go to: http://healthcenter.indiana.edu/counseling/.

DISABILITY SERVICES FOR STUDENTS (DSS)
The Disability Services for Students Office (DSS) can approve accommodations and support services for a student who has a disability. For information about support services or accommodations available to students with disabilities and for the procedures to be followed by students and instructors, go to: https://studentaffairs.indiana.edu/disability-services-students/.

FORMS
From time to time, students will need access to both international and external forms. The internal forms are on the School website under Graduate\Forms\Informatics. There students will find forms for travel, course registration, graduation application, etc. External forms which are managed by the University Graduate School, the Office of the Registrar, etc. are located in one.iu.edu. Contact the Informatics Graduate Studies Office for assistance.

INFORMATICS GRADUATE STUDIES OFFICE (GSO)
The Informatics GSO team seeks to enhance the Informatics graduate student’s experience by providing information, resources and network opportunities. They provide administrative services to graduate students, faculty, and staff by (1) being responsive to their needs; (2) adhering to university and school policies and procedures; and (3) administering Informatics degree audits, posting grades, and awarding graduate degrees.

The Informatics GSO will encourage students to complete their academic program in a timely manner. If there are questions, email (inforecd@indiana.edu) or schedule an appointment with Beverly Diekhoff using the Student Appointment Scheduler (SAS) (https://adrx.iu.edu/sisaarex-prd/adrx/apptScheduler) via one.iu.edu.

SICE CAREER SERVICES
Career Services provides opportunities and resources that will empower students to define their career goals, develop professional life skills, obtain related experience, and realize their career potential. To schedule an appointment with a School of Informatics, Computing, and Engineering’s career services specialist, email sice+careers@indiana.edu.

VETERANS SUPPORT SERVICES BENEFITS
Veterans Support Services is here to meet the needs of Indiana University students who are veterans, service members, or children or spouses of disabled veterans. Veterans who wish to use their VA benefits to pay their educational expenses should make contact with the Office of the Registrar as soon as possible, as well as review the necessary steps for securing VA benefits via the following link: www.veterans.indiana.edu. Students should contact Veterans Support Services at
812-856-1985. For general questions and answers on Veterans' benefits, visit these sites:
  - U.S. Department of Veterans Affairs Education Service
  - Indiana Department of Veteran Affairs
  - Veteran’s Affairs Vocational Rehabilitation and Employment
IMPORTANT CONTACTS

AI Assignment Questions
aiassign@indiana.edu

Office of International Services
ois@iu.edu

Student Central/Bursar/Registrar
scu@indiana.edu

Student Employee/Human Resources Questions
sicepay@indiana.edu

Technology/Building Access Questions
sicehelp@indiana.edu

Dr. Selma Sabanovic
Director of Graduate Studies
Informatics West, Room 213
Telephone: 812-856-0386
Email: selmas@indiana.edu

Cheryl Engel
Director of Informatics Graduate Student Services
Informatics West, Room 231
Telephone: (812) 856-3960
Email: infograd@indiana.edu

Carrie Stemen
Graduate Records & Admissions Coordinator, Informatics
Informatics West, Room 235
Telephone: (812) 856-1406
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Beverly Diekhoff
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Informatics West, Room 233
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