First-Year Honors Program

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Dear First-Year Honors Student:

Welcome to the First-Year Honors Program (FHP)! This program was created to give you an initial experience with Honors education. We hope that FHP will enrich your first year at Iowa State by introducing you to the many opportunities available for high-ability students and will also help you get to know other students who, like you, want to make the most of their education at Iowa State. This information packet has been prepared to help you understand some of these options. We hope you will read it and keep it for reference.

During your fall semester we will do our best to help you get acquainted with the Honors Program, with other Honors students—both first-year and upper-level students—and with the kind of academic excitement that pervades Honors education at all levels. We encourage you to use the resources available from the Honors Program staff, your academic advisors, and other Honors students.

The First-Year Honors Seminar, Hon 121, will be invaluable in learning about and developing connections at Iowa State. Hon 121 students and their leaders have a common reading, a book you are required to read over the summer. The themes, ideas, and other elements of this reading will provide common ground for discussion and connection over the first weeks of Hon 121, and may form the basis of an in-class discussion or other element of your seminar. This year’s book is *The Alchemist*, by Paulo Coelho. You are not required to purchase the book, but it can be found at most bookstores, or you may get it on loan from libraries nationwide. Please note that there is a $60 fee to cover the cost of the seminar and program activities. This fee will appear on your University bill.

Please plan to attend the Honors Retreat, one of the traditional highlights of the First-Year Honors Program, October 11-12. This event is an opportunity to meet other Honors students and have an enjoyable experience off-campus in a fun and relaxed setting.

We are here to help you have a successful experience at Iowa State, and we invite you to stop by our offices to see us any time. Congratulations on taking this step in your academic career. We wish you all the best!

Sincerely,

Emily Wilcox
Assistant Director
University Honors Program

Laurie Smith Law
Administrative Director
University Honors Program

Susan Yager
Faculty Director
University Honors Program
Dear First-Year Honors Program Member:

Congratulations on being admitted to the Iowa State University First-Year Honors Program! By enrolling in FHP, you have opened the door to a wide world of opportunities. In addition to having the advantage of creating a unique program of study, you also have the privilege of taking Honors courses and seminars, as well as the chance to form strong friendships and professional relationships within the Honors Program.

When you arrive at Iowa State in the fall, you will find the Jischke Honors Building to be the hub of the Honors Program, and your ISU Card will be programmed to allow you to use the facility twenty-four hours a day. The Honors building offers you a quiet place to study, a computer lab with high-speed internet access, a media room with a DVD player and an LCD projector for classes and social gatherings, a kitchenette, a piano, and so much more. You can spend basically all of your time in Jischke; I know I do!

The Jischke Honors Building is also the meeting place for the Honors Student Board (HSB). As a student in the First-Year Honors Program, you are automatically a member of HSB. I encourage you to attend our weekly meetings, which are always open, and our fun activities. The Honors Student Board’s purpose is to provide Honors students with social, academic, and community service activities, as well as to be the voice of the Honors student population. Getting involved with HSB at our meetings or through our events is a fun way to get to know other Honors students as well as to get involved on campus.

One of our first activities of the year is the FHP Kick-Off that provides you with a free meal and fun activities on the evening of August 25, the Sunday before school begins. This is a great opportunity to meet the other students who will be in your First-Year Honors seminar as well as all the FHP Leaders and HSB Executive Committee. Reminders will be sent out closer to the beginning of the semester with the rest of the specifics, but put it on your calendar now because you don’t want to miss out on this fun event!

In the beginning of the semester, members of the Honors Student Board will attend a meeting of your Honors seminar section to give you more information about the many activities we have planned for the year. Please feel free to ask them any questions you have about HSB or give suggestions about further activities you would like the Board to plan.

I hope that you will enjoy being in the Honors Program as much as I do. The Honors Program offers a multitude of things to do and experience and also provides a great venue to make friends. I encourage you to take advantage of everything the program has to offer. Enjoy the rest of your summer, and be prepared for an exciting first year at Iowa State University. The HSB Executive Committee and I look forward to meeting you very soon! If you have any questions over the summer, feel free to contact me! Even though I’ll be in Spain for a month and a half, I would love to help you with any part of your transition during the summer before college!

Sincerely,

Christopher Jacobs
Jaco1297@iastate.edu
Honors Student Board President
The First-Year Honors Program (FHP), begun as an experiment in 1973, became a permanent part of the University Honors Program in 1976. The First-Year Honors Program introduces high-ability first-year students to the ideas and benefits of an Honors education, assists students in achieving their academic goals, and acquaints them with the faculty, staff, and activities of the Honors Program. Participation in the First-Year Honors Program terminates at the end of the student’s first year. After completing the First-Year Honors Program students may, if interested and qualified, enter the University Honors Program through the college in which they are enrolled. Membership in University Honors requires demonstrated academic achievement at Iowa State University and the planning of and commitment to a program of study for the remainder of a student’s undergraduate studies.

Members of the First-Year Honors Program enroll in an Honors section of English 250, an introductory Honors seminar, and a section of Library 160. Students who have credit for English 250 will enroll in either an Honors course or an Honors Seminar. During the First-Year Honors Program, students may also enroll in Honors sections of introductory level courses or Honors seminars, elect to participate in research (290H), or take regular courses for Honors credit. In addition to an academic advisor, FHP members are assigned an Honors advisor within their college. FHP members are encouraged to participate in all the activities and programs sponsored by the University Honors Program, including the Honors Student Board (HSB).

During spring semester, FHP members have the opportunity to participate in the First-Year Honors Mentor Program. This program introduces students to the research environment at an early stage in their careers. Students in the First-Year Honors Mentor Program may also apply for small research grants. The next page highlights some recent student experiences with the Mentor Program.
First-Year Mentor Program

Spring Semester Research Opportunity:
First-Year Honors Program members who participate in the First-Year Mentor Program receive first-hand experience in the world of research and scholarship by working under the guidance of an Iowa State faculty mentor in a laboratory or research project.

“From a freshman’s perspective, it is kind of intimidating to seek out a research position after only one semester of college. But the Honors Program served as a catalyst for getting us all involved in these great experiences.” – Adam Abbott (William Jenks, Chemistry)

“Every day that I came in to do experiments for the program, I felt like I was contributing to something important, which made the experience all the more enjoyable.” – Dalton Allan (Stephanie Madon, Computer Engineering)

“My personal goal for the Mentor Program was not to achieve any educational goals, but rather to define them.” – Alexander Walhof (Reza Montazami, Mechanical Engineering)

“The aspect that I appreciate the most is the challenge to branch out into different disciplines and learn on a broader scale than my normal classes would have offered me.” – Nathan Alms (Franciszek Hasiuk, Geology)

“Whether I choose to go into direct research or if I simply review the research of others, this experience has provided me with great insight. I know what is expected and how to best synthesize the information because those are skills I have been practicing all semester long!” – Michele Ries (Donald Bietz, Biochemistry)

“My experience with the Honors Mentor Program has been very positive. It has given me a hands-on, out of class opportunity to work with a professor on a problem and come up with a solution. I enjoyed working with my mentor and taking the project in a direction that interested me.” - Mark Berquist (Eulanda Sanders, Apparel, Events & Hospitality Management)

“If I had the choice I would do the program again a hundred times. It gave me valuable research experience, as well as allowing me to build up skills in areas I was lacking. The program is a godsend, and a great reason to join the Honors Program.” - Nicholas Holland (Matthew Delisi, Criminology)
“My experience in the First-Year Mentor Program has been a unique one filled with a lot of new knowledge and ideas. In no other program is it possible for me as a freshman to experience work completed in a functional research lab and come to value how these hands-on research skills can benefit me in my education.” – Zoetta Hildreth (Beth Caissie, Geological and Atmospheric Sciences)

“...I would recommend to anyone to at least give research a try. The skills and experience you learn in the program are valuable for any field of study, and I am actually using my experience as a way to discern my career and major interests since I am still undecided.” – Catherine Meis (Nastaran Hashemi, Mechanical Engineering)

“In the Honors Mentor Program I greatly enjoyed being able to talk with and learn from a professor on a personal level. It also allowed me to learn advanced ideas and methods from a subject area in which I was interested. The best part, however, was being able to make connections with people in the field which opens up a whole world of options for the future.” – Richard Meyer (Ganesh Balasubramanian, Mechanical Engineering)

“The Mentor Program helped me expand universal skills that would be valuable in any career setting. I’ve come out of this program not only a more rounded individual, but with a resume worthy experience I can be proud of.” – William Emory (Alan Murdoch, Kinesiology)
Opportunities & Benefits

Enrollment in Honors Courses and Honors Sections of Courses
Honors courses offer alternatives to large lecture classes and are often limited in enrollment. The classes typically present basic material, but concentrate on exploration of new ideas and integration of concepts. In most cases, Honors courses may be used to fulfill curriculum requirements.

Enrollment in Honors Seminars
Honors seminars are offered on a Satisfactory/Fail basis, are one or two credits, and are limited to 17 students. They provide opportunities for students to explore special interest topics not normally included in their majors. Students are usually required to complete a paper, read background material, and/or present a report.

Taking a Regular Course for Honors Credit
Honors students may take a regularly offered course on an independent basis and receive Honors credit. The student and instructor must agree in advance that the student’s work will be sufficiently different from the typical student’s work in the class. This may involve the student having weekly conferences with the instructor over special material, doing a special project, or any other arrangement agreed upon by the student and the instructor. Before this option is taken, students must complete the Honors Credit request form available on the Honors Program webpage.

Computer Facilities
Honors students have 24-hour access to computer facilities located in the lab space in the Jischke Honors Building. Both Macintosh and PC computers are available, reserved solely for Honors students’ use. A scanner is also available in the computer lab.

Inclusion in All Program-Sponsored Events
Honors students receive Honors News & Notes, the Honors Program electronic newsletter, twice each month. All Honors students may apply to participate in state, national, and regional conferences and Honors Semesters. Membership in the Honors Program offers student opportunities to engage in an in-depth leadership experience. Information about these programs appears in Honors News & Notes.

Membership on Honors Student Board and Honors Committees
As mentioned on p. 2, all students in the Honors Program are considered members of the Honors Student Board. The Honors Student Board promotes interaction among Honors students through social activities, intramurals, academic workshops, and conferences, and also serves as the student voice of the Honors Program. Upper-class Honors students are also eligible to serve on college and university Honors committees. More information on how to participate on the Student Board and Honors committees is available in the Honors Program Office.
Honors Housing Options
Honors Housing provides students with a special experience, fusing residence hall living with Honors learning and providing a stimulating intellectual and social atmosphere. Honors Housing residents enjoy opportunities for informal interaction with faculty at special meals and at informal discussions and programs. All residents of Honors Houses (co-ed) are Honors students. Honors Clusters (co-ed and single-sex options) include Honors and non-Honors students on a residence hall floor.

Use of Honors Space
The Jischke Honors Building is open 24 hours a day to all Honors students for studying and interacting with other Honors students. Students have access to Jischke through their University ID cards. All students must follow essential rules and guidelines when using the Honors Building after business hours. They are based on university building-use and security regulations as well as on Jischke Honors Building supervisor policies. In general, after-hours use of the Honors Building is a privilege granted by ISU security and the building supervisor. These common-sense rules must be followed; by not doing so, students directly jeopardize for everyone the privilege of Honors Building use after hours.

- Entrance after hours is by access card only. Card readers are located at the south and east entrances.
- Do not post any signs, flyers, etc. on the walls, glass, or woodwork.
- Pick up trash before you leave.
- You may not sleep overnight in the Honors Building.
- Only members in good standing in the Honors program are allowed in the Honors Building. You may not allow non-Honors students into the building after hours.
- Never prop an outside door open – this violates the university building-use policy.
- If students are studying, respect their right to study quietly.
- Don’t use the phone for lengthy personal conversations.

NOTE: There is to be NO alcohol or illegal drugs in the Honors Building at any time. Violators will be referred to the Dean of Students and/or the Department of Public Safety.

Priority Scheduling
Members of the Honors Program receive priority scheduling (registering on day 1 of the class above their current classification status). This helps ensure that Honors students are able to complete their individualized academic programs. All FHP members receive first-day classification for sophomores for spring semester.

Curriculum Planning
In some curricula, alternative courses may be substituted for required ones with approval of the Honors committee of the student’s college.

Research Grants to Support Honors Projects
Members can apply for grants to support their Mentor Program and/or Honors project research. Descriptions of Honors grants, criteria and directions for applying are on the Honors web page at http://www.honors.iastate.edu/research/research_Grants.php.
Honors Math

Mathematics Department Guidelines Concerning the Expectations in Math 166H, and 265H*

- Math 166H will cover the same topics as covered in Math 166.
- During Fall 2013, Math 265H will be combined with a Math majors-only section of Math 265 and named Math 265 section B1. The “H” course will not appear as an option in the course catalog, but students who take the class for Honors will be able to receive Honors credit.
- Additional material of a theoretical, conceptual, computational, or modeling nature will be included in H sections at the discretion of the instructor. The emphasis in the courses will continue to be working problems, but some of the work in Honors sections may require more ingenuity than is required in the regular sequence.
- Because of the additional material, it is expected that students in H sections will need to exert extra effort beyond what is needed in the regular sections. However, because of the type of students in the H sections, it is likely that the distribution of grades assigned to an Honors section will be higher than the distribution of grades in a regular section.

*Adapted from guidelines of the Undergraduate Committee of the Mathematics Department, December 7, 1994.

Honors English (ENGL 250H)

English 250H, Written, Oral, Visual, and Electronic Composition for First-Year Honors students, engages students in the complex, media-rich communication issues of contemporary culture. The course sections are focused on particular themes, and challenge students intellectually, culturally, technically, and aesthetically. They deepen and enrich through the languages of both word and image.

The primary objective for English 250H is to improve written, oral, visual, and electronic communication (WOVE) skills, and to help students shape and integrate these critical abilities for specific purposes and audiences. To that end, students in 250H can expect to complete the equivalent of five major writing assignments, one oral presentation, small-group work, and other communication assignments, though their scope and nature may vary from instructor to instructor. Students explore and apply visual design principles, examine the special nature of electronic composing through analysis and practice, and map their intellectual growth as communicators in a learning portfolio. Through such activities, 250H emphasizes key conceptual faculties: to think independently, to discover new approaches, to appreciate cultural diversity, and to develop and extend ideas.

To support intellectual inquiry, instructors select from a broad range of texts from the social sciences, humanities, and sciences. The readings serve as the foundation for communication assignments in analysis, argument, research, and reflection. Prepared by such substantive readings, students can then practice print or visual analysis, critical thinking, defense of claims and assumptions, audience analysis, and other academic forms of communication.
Important Dates

FHP Kick-Off
Sunday, August 25, 5:00 p.m.
Jischke Honors Building
Come join your fellow First-Year Honors Program members and meet your Hon 121 leaders (peer mentors) in a comfortable and relaxed setting. Meet in front of the Jischke Honors Building for food, drinks, and fun the evening before classes start. You’ll have the opportunity to meet your Hon 121 classmates as well as other students in the First-Year Honors Program. Co-sponsored by the University Honors Program and the Honors Student Board, this event is open only to FHP students and leaders.

FHP Retreat
Friday-Saturday,
October 11-12
Camp Hantesa, Boone
Plan on attending the FHP Retreat where you will meet and interact with the other 400 first-year students and 72 leaders for a late-night adventure in a fun off-campus location!

Activities include innovative and crazy Olympics where sections challenge each other, outdoor games, dance lessons, childhood activities, casino games, and much more! Take a break from your academic life to relax, get outdoors and away from your books!

**Please note:** Missing the retreat counts as a class absence within the Hon 121 course. Please plan accordingly.
University Honors Program
Courses and Seminars
Fall 2013
Welcome to Fall 2013 Honors Courses and Seminars. Here are the answers to questions about what courses/seminars are offered and how to enroll for these offerings.

WHAT ARE HONORS COURSES? These are courses designed specifically for the Honors students. Often with smaller class sizes than the standard sections, Honors courses offer a more in-depth, “hands-on” view of the subject. To enroll, register using the web registration procedures for a regular class.

WHAT ARE HONORS SEMINARS? These are one or two credit seminars addressing current topics of interest to Honors students. With enrollment generally limited to 17 students, seminars promote a crucial atmosphere of intellectual exchange and a more active level of student involvement in the learning process.

WHAT IS AN HONORS COMPONENT? Instructors who have an interest in arranging an Honors component for enrolled Honors students offer some courses listed in this brochure. In addition to the regular course work and credit, an Honors student may decide to receive Honors designation by participating in the extra component. Students who wish to do so should notify the instructor and complete an Honors Credit Form available in the Honors Office.

WHAT ARE SECTIONS RESERVED FOR HONORS STUDENTS? Certain courses at the University have sections of recitation or laboratory work reserved for students in the Honors Program. These sections build community and use collaborative work groups to encourage Honors students to delve more deeply into information that is of interest to them and engage in more lengthy discussions of the course material. To enroll, register using the web procedures for a regular class.

WHAT ARE RECOMMENDED SECTIONS? These courses or sections of certain courses may be more compatible with Honors students’ interests. Honors students may register for these designated sections under the regular procedures.

HOW CAN A REGULAR COURSE BE CONVERTED TO AN HONORS COURSE? Any 3-credit course offered by the University may be converted to an Honors course. To receive Honors credit, the Honors student and instructor must agree in advance that the work will represent Honors work. This may involve taking the course by independent study rather than attending class, developing in greater depth some particular aspect of the course, having weekly conferences with the instructor over special material, or any other suitable arrangements agreed upon by the student and instructor. The use of the Honors credit is one way for an Honors student to develop a program of study that is different from that of the typical student and which more closely meets his or her unique educational goals. The Honors Credit Form is available in the Honors Office. After completing the form and obtaining the required signatures, the student should return the form to the Honors Office. When a course is taken for Honors credit, the Registrar’s Office is notified and the H designation is added to the course number on the student’s permanent record. This indicates that the Honors student did in fact have a special experience in the course and has taken initiative in developing an individualized program.

For further information, see the Honors Program web page at http://www.honors.iastate.edu/HonorsWebPage/current/seminars2.php or stop by the Honors Program Office in the Jischke Honors Building or call 294-4371.
REGISTRATION PROCEDURES
FOR HONORS COURSES AND SEMINARS

Make sure you plan ahead and take the number of required Honors courses and seminars as prescribed by your college Honors committee. Don't wait until your last year to meet the requirements because you may find that you will have some scheduling conflicts.

Fall 2013
Honors students and advisors should read the following information carefully to learn how to register for Honors courses and seminars and also to understand how registration procedures differ for Honors students.

HONORS COURSES
Students may obtain reference numbers for Honors courses from the University web page, the Honors Program Course/Seminar Brochure, the Honors Office, or the semester Schedule of Classes. Students register on the web for Honors courses during their specifically assigned registration periods. Honors courses are filled on a first come, first served basis. Courses and lab sections marked by a $ require students to pay an additional fee for course materials.

HONORS SEMINARS
Students register for Honors seminars after they have completed their schedules for the upcoming semester.

Reference numbers for seminars will be posted on the Honors Program web page or available through the Honors Office, 2-3 days prior to the opening of seminar registration.

To register for a seminar, use the web registration system in the same manner as when registering for a regular class. The computer keeps track of all student requests for specific seminars, thereby creating a waiting list for those seminars that are full. For the first week of seminar registration, the Honors Office will allow you to register for two seminars only. During this week, any student who registers for more than two seminars will be dropped from all seminars except for the first two requested in the system.

Important note: Attendance at Honors seminars is expected. Be courteous and notify your instructor in advance if you are unable to attend class.

PRIORITY SCHEDULING
Members of the Honors Program are given registration dates that move the students to day 1 or 2 of the class ahead of you. This helps to ensure that Honors students will be able to complete their individualized academic programs.

CREDIT LIMIT FOR REGISTRATION
The general registration policy states that students cannot register for more than eighteen (18) credits for any semester. All Honors students, including 2013 First-Year Honors Program members, will have a twenty-one (21) credit limit for registration. The Honors Program Office will code this limit automatically.

PASS/NOT PASS POLICY FOR HONORS STUDENTS
Honors students may not take any course Pass/Not Pass unless approval has been secured from the student's college Honors committee prior to the student selecting the Pass/Not Pass option.

Please note that this policy does not apply to courses/seminars offered on a Satisfactory/Fail grading system. It applies only to those courses - both Honors and non-Honors - for which a student may elect the Pass/Not Pass system rather than the standard A-F grading system.

$ = Course Fee
ENGINEERING 160H, Engineering Problems with Computer Applications Laboratory, (2-2) 3 credits.
Section 1, TR 10:00-11:50 a.m., Ref. No. 3797005; Section 2, TR 12:10 a.m.- 2:00 p.m., Ref. No. 3797010.
Prereq: Satisfactory scores on mathematics placement examinations; credit or enrollment in Math 142, 165.
Instructor: Larry Genalo, and additional instructor to be announced. Solving engineering problems and presenting solutions through technical reports. Introduction to concepts such as: estimations, graphing, curve fitting, statics, engineering economy, and statistics. The course involves the use of computer tools (such as, a spreadsheet, a word processor and a programming language) to solve and present engineering problems. Essential computer programming concepts will be covered. The Honors section includes applications of programming to mobile robotics.

HONORS 121, First-Year Honors Seminars, 1 credit.
Sec. A1, MW 10:00 a.m., Jischke 1155 Ref. No. 4623015
Sec. A2, MW 10:00 a.m., Jischke 1151 Ref. No. 4623020
Sec. A3, MW 10:00 a.m., Jischke 1113 Ref. No. 4623025
Sec. B1, MW 11:00 a.m., Jischke 1155 Ref. No. 4623030
Sec. B2, MW 11:00 a.m., Jischke 1151 Ref. No. 4623035
Sec. B3, MW 11:00 a.m., Jischke 1113 Ref. No. 4623040
Sec. C1, MW 12:10 a.m., Jischke 1155 Ref. No. 4623045
Sec. C2, MW 12:10 a.m., Jischke 1151 Ref. No. 4623050
Sec. C3, MW 12:10 a.m., Jischke 1113 Ref. No. 4623055
Sec. D1, MW 1:10 p.m., Jischke 1155 Ref. No. 4623060
Sec. D2, MW 1:10 p.m., Jischke 1151 Ref. No. 4623065
Sec. D3, MW 1:10 p.m., Jischke 1113 Ref. No. 4623070
Sec. E1, MW 2:10 p.m., Jischke 1155 Ref. No. 4623075
Sec. E2, MW 2:10 p.m., Jischke 1151 Ref. No. 4623080
Sec. E3, MW 2:10 p.m., Jischke 1113 Ref. No. 4623085
Sec. F1, MW 3:10 p.m., Jischke 1155 Ref. No. 4623090
Sec. F2, MW 3:10 p.m., Jischke 1151 Ref. No. 4623095
Sec. F3, MW 3:10 p.m., Jischke 1113 Ref. No. 4623100
Sec. G1, TR 10:00 a.m., Jischke 1155 Ref. No. 4623105
Sec. G2, TR 10:00 a.m., Jischke 1151 Ref. No. 4623110
Sec. G3, TR 10:00 a.m., Jischke 1113 Ref. No. 4623115
Sec. H1, TR 11:00 a.m., Jischke 1155 Ref. No. 4623120
Sec. H2, TR 11:00 a.m., Jischke 1151 Ref. No. 4623125
Sec. H3, TR 11:00 a.m., Jischke 1113 Ref. No. 4623130
Sec. J1, TR 12:10 a.m., Jischke 1155 Ref. No. 4623135
Sec. J2, TR 12:10 a.m., Jischke 1151 Ref. No. 4623140
Sec. J3, TR 12:10 a.m., Jischke 1113 Ref. No. 4623145
Sec. K1, TR 1:10 p.m., Jischke 1155 Ref. No. 4623150
Sec. K2, TR 1:10 p.m., Jischke 1151 Ref. No. 4623155
Sec. K3, TR 1:10 p.m., Jischke 1113 Ref. No. 4623160
Sec. L1, TR 3:10 p.m., Jischke 1155 Ref. No. 4623165
Sec. L2, TR 3:10 p.m., Jischke 1151 Ref. No. 4623170
Sec. L3, TR 3:10 p.m., Jischke 1113 Ref. No. 4623175
Sec. M1, MW 4:10 p.m., Jischke 1155 Ref. No. 4623180
Sec. M2, MW 4:10 p.m., Jischke 1151 Ref. No. 4623185
Sec. M3, MW 4:10 p.m., Jischke 1113 Ref. No. 4623190

Each section of this orientation-information-discussion class is taught by a team of two upper-level Honors students and is designed to help students become familiar with the University, the Honors Program, and to help them meet other Honors students. Each section is comprised of ten to twelve First-Year Honors
Program students and meets for an hour twice a week in the Jischke Honors Building, the home of the Honors Program. Students will tour selected sites on campus, hear guest lecturers, and discuss educational issues. Each student also will plan a tentative four or five-year program of study designed to meet her or his educational goals. There is a $60.00 fee to defray the Honors Retreat expenses associated with the seminar.

**ENGLISH 250H, Written, Oral, Visual, and Electronic Composition, (3-0) Cr. 3. F. Prereq: Exemption from 150 and admission to First-Year Honors Program; credit for or concurrent enrollment in Lib 160. In-depth analysis, composition, and reflection on written, oral, visual, and electronic (WOVE) discourse within academic, civic, and cultural contexts. Emphasis on argumentation: developing claims, generating reasons, providing evidence. Individual sections organized by special topics. Development of student portfolio.**

3 credits. Instructors: To be announced.

Sec. HA, MWF 11:00-11:50 a.m. Ref. No. 3300030
Sec. HB, MWF 12:10-1:00 p.m., Ref. No. 3300040
Sec. PA, TR 12:40-2 p.m., Ref. No. 3300100
Sec. PB, TR 9:30-10:50 a.m., Ref. No. 3300110
Sec. PC, TR 2:10-3:30 p.m. Ref. No. 3300120
Sec. PD, TR 11:00-12:20 a.m., Ref. No. 3300125
Sec. RA, MWF 11:00-11:50 a.m. Ref. No. 3300205
Sec. TA, MWF 9:00-9:50 a.m. Ref. No. 3300400
Sec. TB, MWF 10:00-10:50 a.m. Ref. No. 3300405
Sec. TC, TR 9:30-10:50 a.m. Ref. No. 3300410
Sec. TD, TR 11:00 a.m.-12:20 p.m. Ref. No. 3300415
Sec. VA, MWF 2:10-3:00 p.m. Ref. No. 3300220
Sec. VB, MWF 3:10-4:00 p.m., Ref. No. 3300225
Sec. VC, TR 12:40-2:00 p.m. Ref. No. 3300230
Sec. VD, TR 2:10-3:30 p.m. Ref. No. 3300235
Sec. VE, MWF 1:10-2:00 p.m. Ref. No. 3300240***

***English 250H, Section VE: University of Exeter, Devon, and Western England MWF 1:10-2 p.m.

This section of English 250H, taught by Dr. Jeremy Withers, a Lecturer in the English Department, will include readings about Exeter, its university, and Western England. Readings will include Arthur Conan Doyle’s *Hound of the Baskervilles*, which is set in Devon, and Henry Williamson’s *Tarka the Otter*, a classic story of the Devon countryside – narrated by an otter! If you enroll in this section, you may opt to take a mini-study abroad trip during Thanksgiving Week to London, Plymouth, Dartmoor National Park, and the University of Exeter. This optional trip gives you an extra hour of credit that will count as an Honors seminar.

**LIBRARY 160, Section 50, Honors Library Instruction, 1 credit. Arranged (1st half semester). Ref. No. 4862250. Instructor: Library faculty. This section, open only to First-Year Honors Program students, is the Honors version of the required Library 160 course. Students will learn library research and information literacy skills, complete 5 assignments and take the final exam.**
HONORS FIRST-YEAR AND MEMBERS COURSES FOR FALL 2013

Make sure you plan ahead and take the number of required Honors courses and seminars as prescribed by your college Honors committee. Don’t wait until your last year to meet the requirements because you may find that you will have some scheduling conflicts.

AEROSPACE ENGINEERING 101H, Engineering Honors Orientation, Cr., Sect. 1: R 10:00-11:50 a.m., Ref. No. 1172005; Sect. 2: T 2:10-4:00 p.m., Ref. No. 1172010. R.F. Prereq: Membership in the Aerospace “Launch Pad” Honors Learning Community. Introduction to the College of Engineering and the Aerospace Engineering profession. Information concerning university, college, and department policies, procedures and resources with emphasis on the Freshman Honors Program. Topics include experiential education study abroad opportunities, and department mentorships.

AEROSPACE ENGINEERING 160H, Aerospace Engineering Problems With Computer Applications Laboratory, Cr. 3., Sect. 1: MW 10:00-10:50 a.m. & T 10:00-11:50 a.m., Ref. No. 7571005; Sect. 2: MW 10:00-10:50 a.m. & R 2:10-4:00 p.m., Ref. No. 7571010; Sect. 3: MW 10:00-10:50 a.m. & R 10:00-11:50 a.m., Ref. No. 7571015. F.S. Prereq: Satisfactory scores on mathematics placement assessments; credit or enrollment in Math 142, 165. Solving aerospace engineering problems and presenting solutions through technical reports. Significant figures. SI units. Graphing and curve fitting. Flowcharting. Introduction to material balances, mechanics, electrical circuits, statistics engineering economics, and design. Spreadsheet programs. Introduction to UIX/LINUX computing environments, and programming in FORTRAN. Team projects.

A. Curriculum
B. Methods
C. Evaluation
D. Administration
E. Leadership
F. Extension
G. Program Planning
H. Instructional Technology
M. Biotechnology Workshop

ANIMAL SCIENCE 590H, Special Topics, Cr. 1-3. Repeatable. F.S.SS. Prereq: Permission of instructor. Special topics in the animal sciences, offered on demand and may be conducted by guest professors.
A. Animal Breeding
B. Animal Nutrition
C. Meat Animal Production
D. Dairy Production
E. Meat Science
F. Physiology of Reproduction
G. Muscle Biology
H. Poultry Nutrition
I. Poultry Products
J. Experimental Surgery
K. Professional Topics
L. Teaching
M. Molecular Biology
N. Ethology
ARCHITECTURE 201H, Architectural Design I, (1-15) Cr. 6. F 4:10-5:20 p.m., MW 1:10-5:20 p.m., F 1:10-3:50 p.m., Ref. No. 8138005. F.Prereq: Completion of the preprofessional program and admission into the professional program. Introduction to architectural design. Introduction to architectural design, including precedent research, drawing conventions, model making, and diagramming. Studio projects focus on investigating the impact of specific site conditions on design, threshold conditions, and small-scale domestic space. Students will learn skills in problem solving, visualization, and written, oral, and graphic communication. Field trips to relevant architectural sites.


ARCHITECTURE 335H, Three-Dimensional Studio, 3 credits. Sect.1: TR 1:10-3:20 p.m., Ref. No. 9261005; Sect. 2: TR 9:00-11:20 a.m. (arranged), Ref. No. 9261010. Repeatable. F.S. This course deals with three dimensional problems in visual invention, organization, and expression emphasizing creative manipulation of tools, materials, and techniques as means for three dimensional thinking. Projects cover the additive (modeling), subtractive (carving), substitutional (casting) as well as constructive techniques.


ARCHITECTURE 403H, Architectural Design VII, (1-15) Cr. 6. MW 1:10-5:20 p.m., F 1:10-3:50 p.m., F 4:10-5:20 p.m., Ref. No. 8235005. F.Prereq: 402. Advanced forum for architectural research and/or design. Choice of thematic studios or student initiated research and design. Experimentation and innovation are encouraged. Dsn S 446/546, for 6 cr. each time taken, can be substituted for this class and be taken up to a maximum of 12 credits.

ART HISTORY, 280H, Art History I, Cr. 3-4. TR 11:00 a.m.-12:20 p.m., Ref. No. 6392005.

ART HISTORY, 385H, Renaissance Art, Cr. 4. MWF 11:00-11:50 a.m., Ref. No. 6387005

ART: INTEGRATED STUDIO ARTS 227H, Introduction to Creative Digital Photography, 3-4 credits. MW 2:10-5:00 p.m., Ref. No. 5467005. F.S.Prereq: Dsn S 102, 131, and 183. The course will include camera operation, scanning, image manipulation, color management and printing. Must have access to 35 mm camera or 4 megapixel (minimum resolution) digital camera. Cameras must have manual override. Digital photography as a medium of design, expression and communication.

ART: INTEGRATED STUDIO ARTS 229H, Introduction to Darkroom Photography, 3 credits. MW 9:00-11:50 a.m., Ref. No. 5522005. F.S.Prereq: Dsn S 102, 131 and 183. Photography as a creative medium of design, expression and communication. Camera techniques and black and white wet lab processing taught. Alternative processes explored as time permits. 35 mm camera with manual exposure controls is required.

ART: INTEGRATED STUDIO ARTS 233H, Watercolor Painting, 3 credits. TR 11:00 a.m.-2:00 p.m., Ref. No. 5570005. F.S.Prereq: Art 230. Fundamentals of painting using water-based media applied to observation-based painting. Subject matter may include working from actual or two-dimensional references of still life, landscape, architectural space, and the human form.

ART: INTEGRATED STUDIO ARTS 238H, Painting I, 3 credits. MW 1:10-4:00 p.m., Ref. No. 5573005. F.S.Prereq: Art 230. Fundamentals of painting using acrylic and oil media applied to observation-based painting. Subject matter may include working from actual or two-dimensional references of still life, landscape, and the human form.
ART: INTEGRATED STUDIO ARTS 308H, Computer Modeling, Rendering and Virtual Photography, 3 credits. MW 9:00-11:50 a.m., Ref. No. 5598005. F.S. Prereq: Art 230 or permission of instructor. Introduction to 3D modeling using computer and available software. Modeling, texturing, lighting, and rendering with respect to 3D object and still scene creation.

ART: INTEGRATED STUDIO ARTS 310H, Sources Visual Design, 3 credits. TR 1:10-3:20 p.m., Ref. No. 9379005.


ART: INTEGRATED STUDIO ARTS 335H, Three-Dimensional Studio, 3 credits. Sect. 1: TR 1:10-3:20 p.m., Ref. No. 9262005; Sect. 2: TR 9:00-11:20 a.m., Ref. No. 9262010. Repeatable. F.S. This course deals with three dimensional problems in visual invention, organization, and expression emphasizing creative manipulation of tools, materials, and techniques as means for three dimensional thinking. Projects cover the additive (modeling), subtractive (carving), substitutional (casting) as well as constructive techniques.


ART: INTEGRATED STUDIO ARTS 345H, Woven Textile Structure, Cr. 3. MW 9:00-11:50 a.m., Ref. No. 6136005.

ART: INTEGRATED STUDIO ARTS 409H, Computer/Video Game Design and Development, (Dual-listed with 509), (Cross-listed with HCI), (0-6) Cr. 3. TR 6:10-9:00 p.m., Ref. No. 7340005. Repeatable. F.S. Prereq: Permission of instructor. Programming emphasis: Com S 227, 228, 229 or equivalent in Engineering; art or graphics emphasis: Art 230 and ArtIS 308; writing emphasis: an English course in creative writing or writing screen plays; business or marketing students: junior classification. Independent project based creation and development of "frivolous and non-frivolous" computer games in a cross-disciplinary team. Projects require cross-disciplinary teams. Aspects of Indie development and computer/video game history will be discussed. Nonmajor graduate credit.


ART: INTEGRATED STUDIO ARTS 430H, Drawing IV, 3 credits. TR 5:10-8:00 p.m., Ref. No. 7074005. Repeatable. F.S. Prereq: Art 330. Figurative and/or non-figurative drawing with advanced work in media, composition, and theory. Nonmajor graduate credit.


ART: INTEGRATED STUDIO ARTS 458H, Advanced Printmaking, (0-6) Cr. 3. MW 9:00-11:50 a.m., Ref. No. 6312005. Repeatable. F.S. Prereq: 356, 357, or 358, and permission of instructor. Independent, advanced work in printmaking processes. Emphasis is on development of a unified body of work and research into contemporary artists.
COMMUNITY & REGIONAL PLANNING 590H, Special Topics, Cr. arr. Repeatable. F.S.SS.
Prereq: Graduate classification and written approval of instructor and department chair on required form.
A. Planning Law, Administration and Implementation
B. Economic Development
C. Urban Design
D. Housing and Urban Revitalization
H. Environmental Planning
I. Land Use and Transportation Planning
N. International Planning
O. Spatial Analytical Methods
P. Planning in Small Towns
Q. Diversity and Equity in Planning
R. Geographic Information Systems

COMPUTER SCIENCE 290H, Independent Study, Cr. arr. Ref. No. 2681005. F.S.
Prereq: Permission of instructor. Satisfactory-fail only.

ELECTRICAL ENGINEERING 590H, Special Topics, Cr. arr. Repeatable. Formulation and solution of theoretical or practical problems in electrical engineering.
A. Electromagnetic Theory
B. Control Systems
C. Communication Systems
E. Computer Engineering
F. Electric Power
G. Electrical Materials
H. Electronic Devices and Circuits
I. Signal Processing

ENGINEERING MECHANICS 590H, Special Topics, Cr. arr. Repeatable. Prereq: Permission of instructor.
F. Introduction to Dislocation and Plasticity
H. Mechanics of Thin Films and Adhesives
I. Mechanics of Cellular and Porous Media
J. Other

ENGLISH 302H, Honors Business Communication, 3 credits. MWF 9:00-9:50 a.m., Ref. No. 7402005.
Prereq: ENGL 250, junior classification
Theory, principles and processes of effective written, oral, visual, and electronic communication typically encountered in business and the professions. Extensive practice in many areas of workplace communication, including letter, memo, and email correspondence; short proposals and reports; policies and procedures; job packet including letters of application and resumes; website analysis; brochures; and individual and team presentations.

ENTOMOLOGY 590H, Special Topics, Cr. arr. Repeatable. Prereq: 15 credits in biological sciences.
A. Biological Control and Pathology.
B. Chemical Ecology and Behavior.
C. Ecology and Pest Management.
D. Evolution and Systematics.
E. Special Research Topics.
F. Medical and Veterinary Entomology.
G. Molecular Entomology.
H. Physiology and Biochemistry.
I. Toxicology.
K. Teaching Experience.
L. Extension Internship.
M. Immature Insects.
N. Population Genetics.
GEOLOGY 590H, Special Topics, Cr. arr. Repeatable. Prereq: Permission of instructor.
A. Surficial Processes
B. Stratigraphy
C. Sedimentation
D. Paleontology
E. Petrology
F. Structural Geology
G. Geochemistry
H. Hydrogeology
I. Earth Science
J. Mineral Resources
K. Geophysics
L. Mineralogy
M. Tectonics
N. Paleoecology and Paleoclimatology
O. Isotope Geochemistry
P. Computational Methods and GIS
Q. Surface Hydrology
R. Oceanography

F.S.S.S. Prereq: Permission of the instructor and approval by the Global Resource Systems Faculty Coordinator. Independent study on topics of special interest to the student. Comprehensive report required. Intended primarily for freshmen and sophomores.

GLOBAL RESOURCE SYSTEMS 401H, Senior Project, Cr. 3. Ref. No. 8914005. F.S. Prereq: Senior classification in Global Resource Systems. Research project in collaboration with faculty that complements and furthers a student’s experiences from Globe 321 and 322 while simultaneously bringing into focus entire four-year experience. Student will write a research report and make either an oral or poster presentation.

KINESIOLOGY 590H, Special Topics, Cr. arr. Repeatable.
A. Physical Education
B. Health and Exercise Promotion
C. Exercise Physiology
D. Sport Sociology
E. Sport/Exercise Psychology
F. Motor Behavior
G. Biomechanics
H. Human Growth and Puberty

LANDSCAPE ARCHITECTURE 401H, Community Design, (1-15) Cr. 7. F 1:10-5:20 p.m., MWF 1:10-5:20 p.m., Ref. No. 6401005. F. Prereq: 402. Design of urban and/or rural places utilizing participatory methods and techniques. Projects address midwestern community issues including reuse of abandoned sites, in-fill, recreation, and peri-urban agriculture. Emphasis on development of user-client relationship skills and design research.

LANDSCAPE ARCHITECTURE 402H, Urban Design, (1-15) Cr. 7. F 1:10-5:20 p.m., MWF 1:10-5:20 p.m., Ref. No. 6415005. F. Prereq: 302. Comprehensive planning and design for urban Sites or for sites within urban contexts. Projects typically include planning for a variety of integrated land uses, and cover the full range of design scales from master planning to proposals for site details. Emphasis on written and verbal as well as graphic communications. Integrated seminar component.


MATH 166H, Honors Calculus II, 4 credits. Section A, MTRF 8:00-8:50 a.m. Ref. No. 1114005. Prereq:
Permission of the instructor and Math 165 or 165H. Instructors: To be announced. Preference will be given to students in the University Honors Program. Integration, applications of the integral, infinite series, conics, polar coordinates. Math 166H will cover basically the same topics as covered in Math 166. Additional material of a theoretical, conceptual, computational, or modeling nature not in the regular sequence will be included in the H sections at the discretion of the instructor. The emphasis in the course will continue to be working problems, but some of the work in the Honors sections may require more ingenuity than is required in Math 166.

Honors section: Because of the additional material, it is expected that students in the H sections will need to exert extra efforts beyond what is needed in the regular sections. However, because of the type of students in the H sections, it is likely that the distribution of grades assigned to an Honors section will be higher than the distribution of grades in a regular section.


METEOROLOGY 590H, Special Topics, Cr. arr. Ref. No. 8435005. Repeatable. Prereq: Permission of instructor. Topics of current interest.
A. Boundary-layer Meteorology
B. Tropical Meteorology
C. Mesoscale Meteorology
D. Global Climate Systems
E. Climate Modeling
F. Numerical Weather Prediction
G. Satellite Observations
H. Statistical Methods in Meteorology
I. Field Observations
J. Low Frequency Modes
K. Cloud Physics
L. Atmospheric Radiation
M. Hydrology
N. Fluid Dynamics

MUSIC 290H, Special Problems, Cr. arr. Repeatable. F.S.S. Prereq: Permission of instructor; 12 credits in music, approval of department head.
A. Education
B. Theory
C. Composition
D. History
E. Literature
F. Applied Music
G. Conducting
H. Honors

$PHYSICS 221H, Honors Classical Physics I, Cr. 5, Lec MWF 10:00-10:50 a.m., Dis. TR 12:10-1:00 p.m., Lab W 12:10-2:00 p.m. Ref. No. 5862005. One section. Prereq: Credit or enrollment in Math 166/166H. For engineering and science majors: three hours of lecture each week plus three recitations and one lab every two weeks. Elementary mechanics including kinematics and dynamics of particles, work and energy, linear and angular momentum, conservation laws, rotational motion, oscillations, gravitation. Electric forces and fields; electric currents; DC circuits. Honors students will be in a recitation and lab with other Honors students and are guaranteed a faculty recitation instructor.
PHYSICS 222H, Honors Classical Physics II, Cr. 5, Sect 1, Lec MWF 1:10-2:00 p.m., Dis. T 11:00-11:50 a.m. Ref No. 5864005; Sec. A, Lec W 10:00-11:50 a.m. Ref No. 5864025; Sect 2, Lec MWF 2:10-3:00 p.m., Dis. T 3:10-4:00 p.m. Ref No. 5864010; Sec. B, R 2:10-4:00 p.m. Ref No. 5864030. Prereq: Phys 221 or 221H, Math 166 or 166H. Three hours of lecture each week plus one recitation and one lab each week. Magnetic forces and fields: LR, LC, LCR circuits; Maxwell's equations, waves and sound; ray optics and image formation; wave optics: heat, thermodynamics, kinetic theory of gases; topics in modern physics. Honors students will be in a recitation and lab with other Honors students and are guaranteed a faculty recitation instructor.

PHYSICS 241H, Prin. & Symme. Cls. Ph. I, Cr. 5, Section 1: MWF 1:10-2:00 p.m., TR 11:00-11:50 a.m., Ref. No. 9402005; Section 2: MWF 1:10-2:00 p.m., TR 1:10-2:00 p.m., Ref. No. 9402010; Section 3: MWF 1:10-2:00 p.m., TR 2:10-3:00 p.m., Ref. No. 9402025; Section A: R 4:10-6:00 p.m., Ref. No. 9402015; Section B: F 10:00-11:50 a.m., Ref. No. 9402020; Section C: F 2:10-4:00 p.m., Ref. No. 9402030.

PSYCHOLOGY 131H, Academic Learning Skills, (0-2) Cr. 1. Sect. 1: F 10:00-10:50 a.m.,Ref. No. 6809005. F.S. Efficient methods of study and reading. Satisfactory/fail only.

CHEMISTRY 177, General Chemistry, 4 credits. The following two recitation sections have been reserved for Honors students:
Section 21,MWF 11:00-11:50 a.m., Dis. R 11:00-11:50 a.m., Ref. No. 2495105;
Section 28, MWF 9:00-9:50 a.m., Dis. R 12:10-1:00 p.m., Ref. No. 2495140.
Section 56, MWF 11:00-11:50 a.m., Dis. R 5:10-6:00 p.m., Ref. No. 2495280
Instructors: To be announced. Chemistry explored at a greater depth and with more emphasis on concepts, problems, and calculations than Chemistry 163-164. Recommended for physical and biological science majors, chemical engineering majors, and all other students intending to take 300-level chemistry courses. Principles and quantitative relationships (stoichiometry, chemical equilibrium, acid-base chemistry, thermodynamics, changes of state, solution behavior, atomic structure, and chemical bonding).

CHEMISTRY 177L, Laboratory in General Chemistry, 1 credit. Prereq: Credit or enrollment in 177. Laboratory to accompany 177. The following laboratory sections have been reserved for Honors students:
Section 1, M, 9:00-11:50 a.m., Ref. No. 2496005.
Section 27, T, 3:10-6:00 p.m., Ref. No. 2496135
The courses listed below have the option of adding an Honors component. Students choosing the Honors component should contact the instructor of the course and complete the paper work available in the Honors Office.

**BIOLOGY 211, Principles of Biology.**

*Honors Component for Biology:* An Honors component may be available for Biology 211. Check with your instructor.

**HOTEL, RESTAURANT AND INSTITUTION MANAGEMENT 333, Foodservice Operations Controls.**

*Honors Component for Hotel Restaurant and Institution Management:* Honors students will be assigned a project/paper that applies class material to actual operation.

**HUMAN DEVELOPMENT AND FAMILY STUDIES 102, Individual and Family Life Development**

**HUMAN DEVELOPMENT AND FAMILY STUDIES 226, Development and Guidance in Middle Childhood.**

**HUMAN DEVELOPMENT AND FAMILY STUDIES 240, Literature for Children.**

**HUMAN DEVELOPMENT AND FAMILY STUDIES 276, Human Sexuality.**

**HUMAN DEVELOPMENT AND FAMILY STUDIES 283, Family Financial Management.**

**HUMAN DEVELOPMENT AND FAMILY STUDIES 340, Assessment and Curricula: Ages Birth through 2 years.**

**HUMAN DEVELOPMENT AND FAMILY STUDIES 341, Housing Finance and Policy.**

**HUMAN DEVELOPMENT AND FAMILY STUDIES 367, Abuse in Families.**

**HUMAN DEVELOPMENT AND FAMILY STUDIES 373, Death as a Part of Living.**

**HUMAN DEVELOPMENT AND FAMILY STUDIES 377, Aging and the Family.**

**HUMAN DEVELOPMENT AND FAMILY STUDIES 395, Children, Families, and Public Policy.**

*Honors Component for Human Development and Family Studies:* Students need to notify the instructor that they are Honors students and would like to do an Honors component.

**MANAGEMENT 370, Principles of Organization and Management.**

- Sect. A: TR 8:00-9:15 a.m., Ref. No. 5282005
- Sect. B: MWF 10:00-10:50 a.m., Ref. No. 5282010
- Sect. C: MWF 2:10-3:00 p.m., Ref. No. 5282015
- Sect. D: MWF 12:10-1:00 a.m., Ref. No. 5282020
- Sect. E: TR 9:30-10:45 a.m., Ref. No. 5282025
- Sect. F: M 6:10-9:00 p.m., Ref. No. 5282030
- Sect. G: TR 12:40-2:00 p.m., Ref. No. 5282035
- Sect. J: T 6:10-9:00 p.m., Ref. No. 5282040

*Honors Component for Management:* Either a paper or project, as determined by the instructor.

**MARKETING 340, Principles of Marketing.**

- Sect. A: TR 2:10-3:25 p.m., Ref. No. 5352005
- Sect. B: MWF 10:00-10:50 a.m., Ref. No. 5352010
- Sect. C: MWF 11:00-11:50 a.m., Ref. No. 5352015
- Sect. D: TR 11:00-12:15 a.m., Ref. No. 5352020
- Sect. E: MW 2:10-3:30 p.m., Ref. No. 5352025
Honors Component for Marketing: Either a paper or project, as determined by the instructor.

**MATH 265 (Section B1), Honors Calculus III, 4 credits.** MTRF 9:00-9:50 a.m., Ref. No. 2073005. Prereq: Permission of the instructor or Math 166 or 166H. Instructor: To be announced. Preference given to students in the University Honors Program and students majoring in mathematics. Geometry and graphing in three dimensions, partial derivatives, multiple integrals, vector fields and vector integrals. Additional material of a theoretical, conceptual, computational, or modeling nature not in the regular sequence will be included in the section at the discretion of the instructor. The emphasis in the course will continue to be working problems, but some of the work in this section may require more ingenuity than is required in other Math 265 sections.

**Honors Component for Math:** Students will be able to receive Honors credit for this section. It is expected that students in this section will need to exert extra effort beyond what is needed in the regular sections. However, because of the type of students in this section, it is likely that the distribution of grades will be higher than the distribution of grades in a regular section.

**PHILOSOPHY 201, Introduction to Philosophy.**

Honors Component for Philosophy: Students wishing to take Honors credit should consult with instructor. Typical Honors components include doing essay exams instead of short answer exams, doing a paper instead of an exam, or doing a paper that requires an added component of independent research.

**RELIGIOUS STUDIES 205, Introduction to World Religions.**

**RELIGIOUS STUDIES 321, Old Testament.**

Honors Component for Religious Studies: Students wishing to take Honors credit should consult with instructor. Typical Honors components include doing essay exams instead of short answer exams, doing a paper instead of an exam, or doing a paper that requires an added component of independent research.

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**RECOMMENDED COURSES FOR FALL 2013**

**RELIGIOUS STUDIES 367, Christianity in the Roman Empire, 3 credits.** MWF 1:10-2:00 p.m. Ref. No. 7364005. Instructor: Eric Northway. A historical introduction to the rise of the Christianity in the Roman Empire, with special attention to the impact of Greco-Roman culture on the thought and practice of Christians and the interaction of early Christians with their contemporaries. Cross listing: CL ST 367.

**STAT 301, Intermediate Statistical Concepts and Methods, 4 credits.** Prereq: Stat 101, 104, 105 or 201. Statistical concepts and methods used in the analysis of data. Statistical models. Analysis of single sample, two sample and paired sample data. Simple and multiple linear regression including polynomial regression. Analysis of residuals. Regression diagnostics. Model building. Regression with indicator variables. Credit for only one of the following courses may be applied toward graduation: STAT 301, STAT 326, and STAT 401.
Make sure you **plan ahead** and take the number of required Honors courses and seminars as prescribed by your college Honors committee. Don't wait until your last year to meet the requirements because you may find that you will have some scheduling conflicts.

**Important note:** Attendance at Honors seminars is expected. Be sure to read the entire seminar description and requirements. Be courteous and notify your instructor in advance if you are unable to attend class.

**HON 321A, The College Experience; What Television Has Taught Us**, Wednesday, 4:10-6:00 p.m., 1st Half, 1 credit, Enrollment limit: 17, (location), Ref. No. 4626005.

**Description:** How have television series and films depicting college influenced your experience of higher education? What is college for? Where did you learn about college? What makes an effective college experience? This seminar examines the popular media portrayals of college through television series and films. It will prompt you to be more reflective and thoughtful about your own college experience during your time as an ISU student. We will talk about media representations of various topics, from admissions to getting involved, interacting with faculty, living in the residence halls, and managing daily college life. You will examine the hidden agenda behind these collegiate experiences, through an understanding of the media representations today’s college students.

**About the Instructor:** Thomas Arce is a graduate student in School of Education studying Student Affairs with an emphasis in social justice. Thomas also works with prospective students in the Office of Admissions. He is passionate when it comes to studying college students and their interaction with campus life.

**HON 321B, Understanding Adoption: Types, Processes, Experiences, and Research**, Monday, 10-11:50 a.m., 1st Half, 1 credit, Enrollment limit: 17, (location), Ref. No. 4627005.

**Description:** In this seminar we will explore the phenomenon of adoption from multiple perspectives. We will discuss adoption types (domestic, transnational, kin, foster care, embryo, stepparent, and assisted reproductive technologies), member of the adoption triad (birth family members, adoptive family members, and the adopted person), legal and ethical considerations, research, and others’ personal experiences. This course will utilize media, research, supplemental readings, guest speakers, and student interactions to engage in lively discussions and critical thinking. You will design your own final project on any adoption-related topic.

**About the Instructor:** Diana Baltimore, Ph.D., is a lecturer in the Department of Human Development and Family Studies. She has taught many courses at ISU, including Individual and Family Life Development, Human Sexuality, and Child, Family, and Public Policy. Adoption is one of Diana’s research interests; she has presented her work at national conferences and collaborates with other adoption researchers across the nation. Diana was adopted at birth, has one daughter who is adopted, one son who is biologically-related to her and her husband, and is in reunion with her birth family members.
HON 321C, Leadership Essentials: College Years and Beyond, Tuesday & Thursday, 1:10-2:00 p.m., 1st Half, 1 credit, Enrollment limit: 17, (location), Diversity Credit, Ref. No. 4628005.

Description: This seminar will allow you to explore personal values and goals, recognize sources of empowerment and encouragement of others, and survey a variety of leadership approaches/styles. You will leave the course with a better understanding of "self" and how leadership fits into your daily life. Through this seminar, you will also develop a sense of civic engagement. We will use a variety of learning strategies and activities, including lecture, discussion, guest speakers, and role playing. Active participation, in discussion, class experiences, and reflection, is a vital part of this seminar.

About the Instructor: Cameron Beatty is a third-year doctoral student in the Higher Education Administration Program with a concentration in Social Justice. His current graduate assistantship is with the Office of Greek Affairs. He received a B.S. in Sociology and an M.S. in Higher Education Student Affairs from Indiana University. He has taught this seminar previously, as well as other courses on student leadership.

HON 321D, Are You What You Eat?, Tuesday, 1:10-2:00 p.m., 1 credit, Enrollment limit: 17, (location), Ref. No. 4629005.

Description: What nutrients are essential for life, and what foods and food supplements will improve quality of life? This seminar will emphasize the role of nutrition provided by food and food supplements in promoting a healthy life through the prevention of diseases and disorders. The physiological function of nutrients and the provision of those nutrients by common foods will be the topic of the first part of the course. Then, the role of nutraceuticals as food supplements in a healthy life will be emphasized. Popular topics of nutrition will be discussed via 15-minute oral presentations by the students. By the end of the semester, you will be in a stronger position to make difficult decisions about your diet composition and supplementation and to evaluate nutrition information that is advertised via TV, magazines, and the internet. Professor Beitz will lead discussions of subject matter via handouts given to students at the class meetings.

Text: I prepare handouts for each class meeting that are prepared from currently used nutrition texts and current literature such as: Modern Nutrition in Health and Disease, 9th edition, by Shils et al.; Recommended Dietary Allowances, 10th edition, by National Research Council; Diet and Health by National Research Council; Nutritional Sciences—From Fundamentals to Food, 2nd edition, 2011, by McGuire and Beerman; and Journal of Nutrition. Texts will be available to students who wish additional study. All students are expected to participate in discussions.

About the Instructor: Don Beitz, a Distinguished Professor of Agriculture, has taught biochemistry (e.g., BBMB 420 and BBMB 405) for over four decades at Iowa State University. In addition, he teaches an Agricultural Biotechnology Colloquium for Scholarship for Excellence students in the College of Agriculture and Life Sciences. His research focuses on the application of molecular biology and biochemistry to animal food production and animal diseases. He has participated actively in Honors programs (e.g., First-Year Mentor, Honors research projects, Honors seminar teacher, and advisor) throughout his tenure at Iowa State.

HON 321E, Are Corporations Really People? Implications and Alternatives, Wednesday, 2:10-3:00 p.m., 1 credit, Enrollment limit: 17, (location), Ref. No. 6430005.

Description: A 2010 Supreme Court ruling, Citizens United, has brought back to public attention the idea of "corporate personhood." In this seminar, we will examine the evolution of the corporation in the U.S. and consider the implications of the dominance and "personification" of corporations. Through readings, speakers, and discussion, we will also explore alternative ways of organizing economic behavior, such as worker cooperatives.

About the Instructor: Terry Besser, a Professor in the Department of Sociology, has numerous
publications on work in Japanese corporations and on the social responsibility of businesses, the topic of her most recent book. She teaches undergraduate courses on introduction to sociology, the sociology of work, and the sociology of organizations, as well as graduate courses on the sociology of work, of complex organizations, and of economic life. This is her first Honors Seminar.

HON 321F, Pirates in History, Literature, and Film, Wednesday, 7:10-9:00 p.m., 2 credits, Enrollment limit: 17, 1151 Jischke, Ref. No. 4631005.

Description: Pirates. The romance of the swashbuckling buccaneer. The brutality of a tradition that still flourishes today. What is the “real” history behind the “reel” history of these romanticized figures? In this class you will learn about the history of pirates, privateers, and buccaneers while watching films from the 1920s to today. You’ll explore the culture, politics, and economics of piracy, focusing primarily, though not exclusively, on piracy’s Golden Age (ca. 1650s-1730s) in the Caribbean Sea and Indian Ocean. You’ll also, briefly, consider the relationship between this pirate tradition and the pirate attacks off the coast of Somalia in recent years. Readings in history and literature will complement films, such as The Black Pirate, The Black Swan, The Princess Bride, and The Pirates! Band of Misfits, among others, viewed throughout the semester. We will screen a film one week and then, the next week, discuss that film as it relates to an article or two addressing “real” history and/or cultural context. Each film will be adopted by a team of approximately 3 students, who will act as class leaders, developing lesson plans to turn in that include discussion questions, a presentation, and an activity related to the film and readings.

About the Instructor: Recipient of the 2012 W. Robert Parks Honors Commendation Faculty Award, Gloria Betcher is an Adjunct Associate Professor of English who has researched the cinematic and literary representation of bandits and brigands. Her enthusiasm for the intersections of literature, film, and history has informed her previous Honors Seminars on pirates, the Space Race, World War I movies, King Arthur, the Three Musketeers, Zorro, Sherlock Holmes, Frontiers, and Robin Hood.

HON 321G, Examining Reality TV, Wednesday, 4:10-6:00 p.m., 2 credits, Enrollment limit: 17, (location), Ref. No. 4632005.

Description: Reality television shapes much of the media landscape as we know it today. In this seminar you will learn about the history of reality television in the United States and how shows affect our perceptions of the people in them. By the end of the semester you will be able to think critically about what is shown (or isn’t shown) in some of your favorite reality shows. Weekly student-led discussions will be guided by watching assigned shows (in and out of class) and supplemental readings. For your semester project, you will have the opportunity to evaluate an existing show or to create your own that portrays some aspect of your life.

About the Instructor: Meghan Blancas is a master’s candidate in the Student Affairs program in the School of Education. She is the Honors Program’s graduate assistant and enjoys interacting with Honors students. A self-proclaimed television enthusiast, she favors reality television and shows of the musical nature.

HON 321H, Sect. 2, Our Microbial World: Exploring the Role of Microbes in Ecosystem Processes, Monday, 2:10-4:00 p.m., 1st Half, 1 credit, Enrollment limit: 17, (location), Ref. No. 4633010

Description: Microbial communities have been described as “small engines” that transform and recycle elements in the biosphere. Although tiny, they play a huge role in the health of our planet; microbes are responsible for critical processes such as decomposition of organic matter and greenhouse gas production. In this seminar, which is geared toward non-science majors, we will explore the link between microbes and processes that are pertinent to ecosystems in both Iowa and across the globe. In addition to discussing current topics in this field, we will experience hands-on demonstrations of microbial and ecosystem processes to inspire discussion about microbial effects on ecosystems.
About the Instructors: Ryan Williams and Sarah Hargreaves are both PhD candidates in Ecology, Evolution and Organismal Biology. Ryan’s experience in microbial ecology stems from his Master’s work at Oklahoma State, where he worked on soil microbial ecology in forest ecosystems. Sarah has experience in microbial ecology and global change biology from her Master’s work at the University of Toronto, conducting fieldwork in the Canadian Arctic. She has guest lectured for an Honors Seminar in genetics and has taught laboratories in ecology and evolution at U of Toronto and principles of biology at ISU.

HON 321J, Learning about Habits of Thinking, Wednesday, 2:10-4:00 p.m., 1st Half, 1 credit, Enrollment limit: 17, (location), Ref. No. 4634005.

Description: In this seminar, we will discuss some readings on the topics of “Habits of Mind” and “Mindset” to help you understand your own habits of thinking and enhance your academic - and later, professional - success. We'll also use online resources to explore “Habits of Thinking” (HoT) in team contexts. Through readings, videos, team projects and reflection, you will assess and develop your own HoT abilities with a goal of raising the “HoT index” of ISU.

About the Instructor: Suzanne Hendrich taught “EI,” emotional intelligence, in the CFCS freshman learning community from 2000-2002, and in several Honors Seminars. Students in the CFCS learning community in Fall 2000 reported significant increases in their self-assessed confidence in emotional intelligence skills. Through Miller Faculty Fellowships in 1999-2000 and 2008-09, her work in the Academy for Leadership and Learning, and her work as adviser to the SHOP (food pantry for ISU students), Professor Hendrich has focused on helping students apply meaningful effort, emotional intelligence skills, resiliency and other productive habits of thinking (HoT) to enhance student learning in and outside the classroom. She is University Professor of Food Science & Human Nutrition and has been an ISU faculty member for 25 years.

HON 321K, Christianity & Science, Thursday, 11:00 a.m.-12:50 p.m., 1st Half, 1 credit, Enrollment limit: 17, 541 Sci. II, International Perspectives Credit, Ref. No. 4635005.

Description: Religion and science, two of the greatest forces that influence mankind, are generally interested in different aspects of reality. Science addresses “how” questions while religion answers “why” questions. However, an area of common interest is the origin and history of life. This seminar explores the interaction and boundaries between science and theology in this area of common interest. Requirements include attending class, participating in discussions, maintaining a journal with weekly reflections, and submitting summaries of your weekly journal reflections before class during weeks 2, 5 & 8.

About the Instructor: Thomas S. Ingebritsen is an Associate Professor Emeritus in the Department of Genetics, Development and Cell Biology. He received a Ph.D. in Biochemistry from Indiana University in 1979. He did bench type research for over 20 years, primarily in the area of signal transduction and was also Director of the LAS Center for On-Line Learning. As a scientist and a Christian, Dr. Ingebritsen has a strong interest in this seminar topic.

HON 321L, Jack the Ripper's 125-year History, Thursday, 4:10-5:00 p.m., 1 credit, Enrollment limit: 17, 1151 Jischke, Ref. No. 4636005.

Description: For 125 years we have been intrigued by the 1888 Whitechapel murders. What is it about this crime that continues to captivate the world? Who did it? In this seminar we will take a historical look at Jack the Ripper, the criminal and the victims. You will develop theories on the case by posing questions, being open to challenges, and considering alternatives. Through weekly reports and readings, you will exchange ideas and think critically about the who and why of the mystery. Seminar members will each be assigned a book covering four major areas of the murders: the victims, evidence, suspects, and investigators. You will read, participate in class discussion, and write a weekly synopsis from your assigned book on the week’s
topic. Using these synopses and class debates, you will argue for or against a particular theory, suspect or critical piece of evidence.

About the Instructor: Laurie Smith Law, Administrative Director of the University Honors Program, has worked with high ability students for 15 years and has taught several Honors Seminars. These include seminars on culture through celebrations, urban language, and social discussion. She has a background in student affairs and has worked with several learning communities. She is also familiar with service learning programs and has supervised students on alternative spring breaks in many locales.

HON 321M, Resonance: Intersections between Music and Architecture, Tuesday and Thursday, 5:30-6:20 p.m., 2nd Half, 1 credit, Enrollment limit: 17, 1151 Jischke, International Perspectives Credit, Ref. No. 4640005.

Description: In this seminar we will study the relations between music and architecture throughout history, from the Paleolithic era to contemporary interdisciplinary collaborations. You will learn about the advantages and pitfalls of interdisciplinary work through the lens of two apparently opposite disciplines: music as the most ephemeral, non-material art, and architecture, the most concrete and material-based. Classes are organized around instructor-based lectures, student-initiated discussions and questions, and short campus-based field trips and excursions to relevant sites, with both instructors working as interlocutors and intellectual interlopers across their respective disciplines.

Text: Book excerpts and other readings will be provided, and we will also draw from texts, podcasts, videos, and sound samples available on our Google group.

About the Instructors: Mikesch Muecke, Associate Professor of Architecture, teaches design studios, history/theory/culture seminars, and computer applications courses. In his most recent research he has been working on the intersection of biocomposites and design, as well as on the interdisciplinary topic of music and architecture. Miriam Zach, organist, harpsichordist, and musicologist, is Assistant Professor in the Honors Program at the University of Florida where she teaches courses on music history and music and health. With degrees from Northwestern and the University of Chicago, she frequently performs baroque music, maintains her own music studio, and works with women composers internationally.

HON 321N, Comedy College, Wednesday, 5:10-7:00 p.m., 2 credits, Enrollment limit: 17, 1155 Jischke, , Ref. No. 4645005.

Description: In this seminar, you will learn to be funnier. Humor is not a mystical process of divine intervention granted by the Comedy Gods to just a chosen few. There are tricks, techniques and theories that, when studied, can make a person funnier. When put into practice, these skills can help with self-confidence, public speaking and communication skills. While some reading and watching of stand-up routines is required, the majority of the class focus will be on creating and sharing original humor with your classmates. The seminar culminates in a live comedy showcase where you will share your new-found humor skills with the world.

About the Instructors: Gavin Jerome has been a professional entertainer for well over 20 years. He has worked with the likes of Jerry Seinfeld, Paul Reiser and Steve Harvey. For the past decade, Gavin has been providing humor workshops for companies and associations nationwide. His extensive standup comedy experience plus many years of leading workshops on humor in the workplace make him most qualified on creating and sharing comedy. Peter Orazem, University Professor of Economics, has been a student of Gavin’s, and is known around campus for his entertainment skills.
**HON 321P, Ethical Eating**, Wednesday, 12:10-2:00 p.m., 1st Half, 1 credit, Enrollment limit: 17, 255 Bessey, Ref. No. 4647005.

**Description:** “Ethical Eating” explores the consequences of the food choices we make. If we choose to eat meat, where does it come from, under what conditions were the animals raised and what are the environmental consequences of animal production? For the plant products we eat, were they produced by industrialized agriculture in some distant location or grown organically by a local farmer? What about the welfare of the people who produce our food? This seminar will consider issues such as animal rights and welfare and the environmental and social consequences of food production, with the object of increasing awareness of diet and applying an ethical framework to our food choices. We will combine readings and discussion, viewing of several videos, visiting speakers, optional field trips to an egg production facility and a CSA (Community Supported Agriculture) farm, and a presentation by each participant on the ethics of a particular food item. Our course will end with an potluck meal at the instructors’ home.

**About the Instructors:** Barbara Pleasants served many years on the ISU Animal Care Committee and teaches courses on Comparative Anatomy, Human Biology, General Biology and the Holocaust. She has also taught an honors seminar on “Issues in Biology and Medicine.” John Pleasants teaches Environmental Biology, Human Biology and General Biology. He has co-taught an honors seminar on “Issues in Biology and Medicine.” His research concerns the environmental effects of GMO’s. This will be the sixth time we have offered this course, which has been a great learning experience for us and for the students. The diversity of students in the class, particularly the participation by students in majors involving production agriculture and food science, provides different perspectives and produces lively discussions.

**HON 321Q, Entrepreneurship**, Tuesday, 3:10-5:00 p.m., 1st Half, (Sept. 3 – Oct. 22), 1 credit, Enrollment limit: 24, 3164 Gerdin, Ref. No. 4648005.

**Description:** This course is designed to help you acquire sound business acumen. It will include a series of lectures by members of the business community on successfully launching, managing, and financing a startup company. You will have an opportunity to interact directly with these professionals, brainstorm startup ideas. understand the legal and capital needs of different kinds of businesses, and learn about resources in the community that can help you achieve your goals.

**About the Instructor:** Shoba Premkumar, a Senior Lecturer in the College of Business, will coordinate this seminar. Guest speakers include Mike Upah of the Pappajohn Center for Entrepreneurship; Matt Rizai, CEO of WebFilings; Rick Brimeyer, President of Brimeyer LLC; Dave Tucker, Director of Product development-Web Filings; Eugene Hibbs, Owner of Little Caesars; and others.

**HON 321R, Creativity and Creative Thinking**, Wednesday, 10-11:50 a.m., 1st Half, 1 credit, Enrollment limit: 17, (location), Ref. No. 5145005.

**Description:** Creativity is an essential skill for problem solving and knowledge production in the economic and social systems of the 21st century. But what is “creativity,” and how do we tap into the creative skills inherent in all of us? Through this hands-on, fun, exploratory seminar, you will identify the varied definitions of creativity, reexamine the creative process, and reflect on your own and others’ creative thinking. You don’t need to be able to draw a straight line in order to use the tools and spirit of creativity in your work, studies, and life!

**About the Instructor:** Melissa Rands is a doctoral student in the School of Education. She holds a B.F.A. in fine arts from the Minneapolis College of Art and Design, and an M.A. in arts administration and cultural policy from the Utrecht School of the Arts in the Netherlands. Melissa's current research interests surround student achievement and learning in art and design education. A self-described “visual processor,” Melissa thinks in pictures.
HON 321T, Human Trafficking in the United States and Beyond, Monday, 12:10-2:00 p.m., 2 credits, Enrollment limit: 17, (location), Diversity Credit, Ref. No. 5148005.

**Description:** In this seminar we will explore the phenomenon of human trafficking within the United States. You will learn about the history of, and concepts that define, human trafficking; how race, gender, nationality, etc., affect human trafficking; and how you can make a difference in your community by educating peers about this crime against humanity. In this seminar we will learn by means of social media, DVDs, and guest speakers from the Network Against Human Trafficking and Youth and Shelter Services.

**About the Instructor:** Alissa Stoehr, M.S., is a Ph.D. student in the School of Education studying Higher Education with a concentration in Social Justice. Her research interests include child support and welfare policies in the state of Iowa, racism within intercollegiate athletics, work-life balance of female PhD students at Iowa State, and human trafficking. She is a member of the Network Against Human Trafficking and will complete her capstone and dissertation research by examining the effectiveness and success rates of specific educational programs on human trafficking.

HON 321U, Activism on the ISU Campus, Wednesday, 10-10:50 a.m., 1 credit, Enrollment limit: 17, 3158 Pearson, Ref. No. 5149005.

**Description:** Are you an activist? Are you interested in human rights, volunteering and raising awareness? In this seminar, you will learn about activism on the ISU campus. At the beginning of the semester, we will select one (or more) action plans to raise awareness about a specific topic (i.e. human rights, environmental issues) and implement the plans we discuss on the ISU campus. You will learn how to plan and organize an awareness campaign and how to put ideas into action. Hopefully, the action plan you adopt will have a lasting impact, like that some other students groups (Dance Marathon, Albright Jingle Jog, etc.) have had on our campus.

**About the Instructor:** Jean-Pierre Taoutel was born in Syria and grew up in Lebanon before moving to France. French and Arabic are his native languages. He has been teaching at ISU since 1999 as a Senior Lecturer of French and an Instructor of Arabic.

HON 321V, Conflicts in the Middle East, Tuesday, 10-10:50 a.m., 1 credit, Enrollment limit: 17, (location), International Perspectives Credit, Ref. No. 6545005.

**Description:** What are the current political conflicts in the Middle East? How can we understand the wars in the Middle East? This seminar will examine the current political conflicts and wars in the region. We will examine in depth the Arab-Israeli conflict, the Lebanese War, the Palestinian question and other regional issues (Iraq, the Kurds, Iran, etc.). At the end of this seminar, you will understand the "complicated Middle East" and how these conflicts affect the war on terrorism.

**About the Instructor:** Jean-Pierre Taoutel was born in Syria and grew up in Lebanon before moving to France. French and Arabic are his native languages. He has been teaching at ISU since 1999 as a Senior Lecturer of French and an Instructor of Arabic.

HON 321W, Lessons from Positive Psychology on Happiness and Success, Tuesday, 2:10-3:00 p.m., 1 credit, Enrollment limit: 17, (location), Ref. No. 6564005.

**Description:** Happiness and success are desired by nearly everyone. What is the relationship of happiness and success? How do they influence each other? This course draws from positive psychology and facilitates the exploration of happiness and success. *The Happiness Advantage* by Shawn Achor will serve as our primary reading. Additionally, we will experiment with and implement strategies that can promote happiness in our own lives.
About the Instructor: Sam von Gillern is a doctoral student studying Literacy Education and Teaching English as a Second/Foreign Language. He is interested in issues related to educational access and literacy development of English language learners. He has taught Psychology 131, Academic Learning Skills, and Human Sciences 150, Dialogues on Diversity, at Iowa State University.

HON 321Y, Software Design: What, Why, and How?, Wednesday, 2:10-3:00 p.m., 1 credit, Enrollment limit: 17, (location), Ref. No. 7631005.

Description: Is it important to think through software design upfront or should you design as you go? What difference does it make? What should your design look like, anyway? Is good software design any different from design for a building or a bridge? Does it make a difference if you're object-oriented? Does evidence support one approach over another? Software designers continue to struggle with these questions as the discipline of software architecture and design emerges from its infancy. In this seminar we will explore some key viewpoints and ideas about software design, examining evidence about software design approaches and ways to evaluate them. This seminar is intended for students who have substantial programming experience.

About the Instructor: David M. Weiss, the Lanh and Oahn Nguyen Professor of Software Engineering, was previously Director of the Software Technology Research Department at Avaya Laboratories. There, he worked on improving the effectiveness of software development, particularly the effectiveness of Avaya's software development processes. He has also worked at Lucent Technologies Bell Laboratories, at the Office of Technology Assessment, and at the Computer Science and Systems Branch of the Naval Research Laboratory (NRL), in Washington, D.C. He has also worked as a programmer and as a mathematician.

HON 321Z, An American Commune: The Amana Colonies, Friday, 3:10-5:00 p.m., 1st Half, 1 credit, Enrollment limit: 17, 1151 Jischke, Ref. No. 7634005.

Description: In this seminar, we'll learn about the origins, history, and continuing influence of the Amana Colonies, one of the best-known communities in the state of Iowa. The seven villages of the Amana Colonies were first settled in 1856 and were governed communally until the 1930s. In addition to readings, we'll talk with experts on communal societies in general and Amana in particular. Depending on your interests, we'll delve into such areas as food, architecture, language, farming, religion, horticulture, and clothing. We will cap off the course with a day or overnight trip to the Amanas, a meal there, and a behind-the-scenes tour (the exact timing of the trip will depend on everyone’s schedules and preferences, but you must be able to make a weekend trip, probably on Oct. 18 or 19).

About the Instructors: Darlene Fratzke, an adjunct instructor in Apparel, Events & Hospitality Management, has been involved in advising and Learning Communities in the College of Human Sciences for many years. Her family has deep roots in the Amanas. Susan Yager, associate professor of English and faculty director of the Honors Program, enjoys teaching seminars on a variety of topics.
If you want to venture abroad for a short-term study abroad experience, consider a spring semester seminar with a service-learning field component in Punta Gorda, Belize over spring break!

The College of Liberal Arts and Sciences and the University Honors Program have teamed up with ProWorld Service Corps to offer an alternative spring break service learning seminar that targets first and second year undergraduate students in any major.

ISU students will work with local communities on construction projects in impoverished areas of Belize. This program is offered during the 2014 spring semester. The field component travel dates to and from Belize include the Friday before and the Monday after ISU’s spring break.

The program grants two credits of LAS 291/491 Service Learning or HON 322 in service-learning reflection. All-inclusive program costs range from $2600 to $3200.

For details, contact the program leader:
Laurie Smith Law
University Honors Program Administrative Director
lfiegel@iastate.edu
515-294-4371
# Iowa State University First-Year Honors Program Orientation Guide • Fall 2013 • Appendix II

## FHP Member List

### 2013 - 2014 Iowa State First-Year Honors Program

#### Member List (as of May 24, 2013)

**by college:**

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<thead>
<tr>
<th>College</th>
<th>In-state</th>
<th>Out of state</th>
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<tr>
<td>Agriculture</td>
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**by area:**

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### By Name

- **Evan Abramsky**<br>Las / Pol S<br>Dubuque, IA<br>- **Trey Achterhoff**<br>Engineering / ENGR<br>Orange City, IA<br>- **Paige Adams**<br>Engineering / CE<br>Conroe, TX<br>- **Kathryn Ahlers**<br>Business / P BUS<br>Hartley, IA<br>- **Renee Alexander**<br>Las / Phys<br>Des Moines, IA<br>- **Samuel Altier**<br>Engineering / ENGR<br>Granger, IA<br>- **Ouma Amadou**<br>Agriculture & Life Sciences / GLOBE<br>Columbia, MO<br>- **Alex Anderson**<br>Las / MTEOR<br>Boone, IA<br>- **Vincent Anderson**<br>Engineering / CH E<br>Stillwater, MN<br>- **Caroline Arkesteyn**<br>Las / OPEN<br>Wayzata, MN<br>- **Mitchell Arnold**<br>Business / P BUS<br>Aurora, IA<br>- **Emily Augustine**<br>Engineering / CE<br>Eaton, CO<br>- **Brian Autry**<br>Las / BIOL<br>Urbandale, IA<br>- **Joshua Baedke**<br>Engineering / ME<br>Aurora, IL<br>- **Seth Baetzold**<br>Engineering / CH E<br>North Saint Paul, MN<br>- **Morgan Bahl**<br>Human Sciences / DIETH<br>Carpentersville, IL<br>- **Marit Bakken**<br>Agriculture & Life Sciences / A ECL<br>Appleton, WI<br>- **Laurel Barnet**<br>Human Sciences / EVENT<br>Rolling Meadows, IL<br>- **Keaton Banwart**<br>Engineering / ENGR<br>Clive, IA<br>- **Lincoln Banwart**<br>Engineering / ENGR<br>Clive, IA<br>- **Laurel Barnet**<br>Engineering / ME<br>Platteville, WI<br>- **Dawson Barriuso**<br>Business / P BUS<br>Burnsville, MN<br>- **Elena Bartemes**<br>Las / P MED<br>Urbandale, IA<br>- **Davis Batten**<br>Engineering / ENGR<br>Fremont, NE<br>- **Allison Becker**<br>Business / P BUS<br>Fort Dodge, IA<br>- **Nicholas Begley**<br>Engineering / ME<br>Omaha, NE<br>- **Zachary Behan**<br>Engineering / ENGR<br>Bettendorf, IA<br>- **Meredith Behr**<br>Agriculture & Life Sciences / AN S<br>Mason City, IA<br>- **Colby Behrens**<br>Agriculture & Life Sciences / BIOLA<br>Meriden, IA<br>- **Ashley Bell**<br>Las / BIOL<br>Burlington, IA
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LAS / P MED
Buffalo Center, IA

Jace Hegg
Engineering / AER E
Andover, MN

Jessica Heintz
LAS / ENGL
North St Paul, MN

Alyssa Henderson
LAS / OPEN
Woodbury, MN

Joshua Hewitt
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Marion, IA

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Business / P BUS
Mason, OH

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Friendswood, TX

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Christian Hurst
Engineering / ENGR
Waterloo, IA

Daniel Jacobi
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AnnMarie Huet
LAS / PSYCH
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Sierra Huston
LAS / P H P
Columbia, SC

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Business / P BUS
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LAS / OPEN
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Hans Heindl
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Agriculture & Life Sciences / AN S
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Logan Highland

Sydney Hill
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Justin Hohien
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Jason Hunteods
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Dakota Jackson
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Cameron Jodlowski
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Lucas Tang  
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West Des Moines, IA

Dakota Taylor  
Engineering / ENGR  
Runnells, IA

Jack Thalacker  
Engineering / ENGR  
Ankeny, IA

Bryce Thoeny  
Engineering / ENGR  
Coralville, IA

Taylor Thomas  
Engineering / CH E  
Monroe, IA

Alex Tietz  
Engineering / M E  
Cedar Rapids, IA

Emily Tinguely  
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Fort Madison, IA

Andrew Tonsager  
LAS / BIOCH  
River Falls, WI

Megan Trautmlller  
Agriculture & Life Sciences / BIOLA  
Plymouth, MN

Richard Uhlenhopp  
LAS / P MED  
Aplington, IA

Shelby Ulrich  
LAS / OPEN  
Minnetonka, MN

Anna Underhill  
Agriculture & Life Sciences / AGRON  
Eagan, MN

Sonia Valdez  
Engineering / CH E  
Johnston, IA

Megan Valentine  
Agriculture & Life Sciences / AN S  
Dubuque, IA

Gabriel van Dyck  
Agriculture & Life Sciences / AG X  
Maple Plain, MN

Andrew Van Hulzen  
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Sac City, IA

Paden VanHorn  
Engineering / AER E  
Wintersted, IA

Benjamin Waalen  
Engineering / AER E  
White Bear Lake, MN

Ryan Wade  
Engineering / CPR E  
Chanhassen, MN

Angela Wagner  
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Dubuque, IA

Rylie Waite  
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Cedar Rapids, IA

Kayla Wallace  
Agriculture & Life Sciences / AN S  
Plainfield, IL

Ian Warren  
LAS / OPEN  
Ames, IA

Jordan Washington  
Design / P ARC  
Katy, TX

Sarah Waste  
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Cedar Rapids, IA

Danielle Watt  
Agriculture & Life Sciences / A ECL  
Mokena, IL

David Wehr  
Engineering / CPR E  
Sigourney, IA

Kendal Weiland  
Engineering / CH E  
Plymouth, MN

Austin Weiser  
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Derick Whited  
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Dallas Center, IA

Jason Whited  
Engineering / M E  
Dallas Center, IA

Natalie Whitis  
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Jayne Wiarda  
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Ackley, IA

Ellen Wick  
Engineering / CH E  
Rochester, MN

Hayley Williams  
Agriculture & Life Sciences / FS A  
Iowa Falls, IA

Elizabeth Wilson  
Engineering / CH E  
Iowa City, IA

Miriam Wilson  
Engineering / AER E  
Chaska, MN

Thomas Wilson  
Engineering / M E  
Pleasant Hill, IA

Grace Winchip  
Engineering / ENGR  
Bet tendency, IA

Baylie Wingerson  
Design / P ARC  
Fort Dodge, IA

Eric Wirth  
Engineering / M E  
Nevada, IA

Tivy Wixom  
LAS / PHYS  
Ottumwa, IA

Rachel Wolf  
LAS / OPEN  
Ames, IA

Evan Woodring  
Engineering / S E  
Coralville, IA

Camden Woods  
Engineering / AER E  
Long Grove, IL
First-Year Honors Program
Important Information

I. First-Year Required Courses
   a. Honors 121  (1 cr.)
   b. English 250H (3 cr.)
   c. Students who have credit for English 250 will enroll in either an Honors course or an Honors Seminar. A list of courses is available at http://www.honors.iastate.edu/uhp/courses.php. A list of seminars is available at http://www.honors.iastate.edu/uhp/seminars.php
   d. Library 160 section 50  (1 cr.)

II. Course Fee
   Each student will be assessed a $60.00 fee to cover the cost of the first-year seminar (Honors 121) and program activities. This fee will be billed to your University bill later in the fall semester and is the only required expense associated with the Honors Program.

III. Common Reading
   Each year members of the Honors staff select a summer common reading that will be incorporated into Honors 121. This reading provides students in the program with the same academic experience to start the semester. The common reading aids in group development and promotes themes that emphasize student transition and success. Students must obtain their own copy of the text and read it before the first day of class on August 26, 2013
   
   This year’s required common reading is
   Text:  The Alchemist
   Author: Paulo Coelho
   Publisher: HarperOne

IV. FHP Annual Fall Retreat
   The annual fall retreat gives members of the First-Year Honors program an opportunity to build community and network with other Honors students. All students should plan to attend the retreat, October 11-12, 2013.
Orientation Checklist for First-Year Honors Students

- **Register for Honors 121, First-Year Honors Seminar, 1 credit, Satisfactory-Fail.** This seminar about Iowa State and the Honors Program is an integral part of the First-Year Honors Program. We offer 36 sessions during 12 different time slots through the week.

- **Register for English 250H for the fall semester.** Unless your official university records show credit for English 250, please make sure to register for a section of English 250H. There is no test out available for English 250H for First-Year Honors Students. If you are bringing college credit that does not yet show up on your records, you still must register for English 250H. The Honors Program staff can drop English 250H from your schedule later in the summer if appropriate.

  Students who have credit for English 250 will enroll in either an Honors course or an Honors Seminar. A list of seminars is available at [http://www.honors.iastate.edu/uhp/seminars_f13.php](http://www.honors.iastate.edu/uhp/seminars_f13.php)

- **Register for Library 160, Section 50, Reference No. 4862250, 1 credit, Satisfactory-Fail.** Unless your official university records show credit for Library 160, please make sure to register for section 50 of Lib 160. The time should be listed as “arranged.”

- **Consider Registering for other Honors Courses, Honors sections of courses, and Honors Seminars.** Refer to the list in the red Orientation Guide. Many of these classes are small (20-25 students) to provide a teacher-student ratio that encourages discussion and experiential learning. Honors sections are not harder than other sections, nor do they necessarily require more work. These courses may be chosen as electives or, in most cases, to fulfill requirements for your curriculum. You may also take Honors seminars (limited to 17 students per class), which are offered each semester on a variety of topics and subjects.

- **Read *The Alchemist*, by Paulo Coelho.** Over the summer all FHP students will read *The Alchemist* for this year’s common reading program. You can purchase the book at most bookstores, or get it on loan from libraries nationwide.