

Contact: Diana Gonzalez

**PROPOSED REVISIONS FOR THE IOWA STATE UNIVERSITY**  
**2017-2018 GENERAL CATALOG**

**Action Requested:** Consider approval of the proposed revisions for the 2017-2018 General Catalog at Iowa State University.

**Executive Summary:** The new courses represent additions due to new knowledge as well as restructuring in some areas. In addition to the proposed course changes, ISU's request describes two new programs approved by prior action of the Board (ASAC 4, February 2016; ASAC 7a, July 2016), three new minors, and three new certificates. The request for the proposed revisions was reviewed by the Board Office and is recommended for approval. This report addresses the Board of Regents Strategic Plan priorities to "ensure access to education and student success;" "promote and support innovation in teaching, research, and economic development;" and "promote effective use of resources to meet institutional missions."

**Background:**

- ◆ The ISU Faculty Senate Curriculum Committee requires that, with few exceptions, new courses must be offered experimentally to determine if a department or program is able to staff them and if sufficient interest exists to justify adding them to the Catalog.
- ◆ Courses in the 2016-2017 Catalog that have not been taught in some time will be dropped.
- ◆ The proposed revisions include an addition of 107 new courses and the elimination of 125 courses, which resulted in a net decrease of 18 courses. The new courses are primarily due to new program and certificate offerings.
- ◆ The catalog revision process is designed to allow departments and programs within the university to become informed about and comment on changes proposed by other units. At the end of this review, an annual electronic Catalog is made available to current and prospective students.

**SUMMARY OF PROGRAM CHANGES IN 2016 - 2017**

**PROGRAMS ADDED BY PRIOR BOARD ACTION**

- 📁 Bachelor of Arts Program in Criminal Justice (February 2016, ASAC 4)
- 📁 Bachelor of Science Program in Entrepreneurship (July 2016, ASAC 7a)

**NEW MINORS**

- 📁 Geographic Information
- 📁 Public Relations
- 📁 Urban Studies

**NEW CERTIFICATES**

- 📁 Graduate Certificate in Business Analytics

**PROGRAMS TERMINATED**

☞ Master of Science and Ph.D. Programs in Botany (May 2016, ASAC 5a)

**SUMMARY OF PROPOSED REVISIONS  
2017-2018 GENERAL CATALOG**

College	New Courses	Dropped Courses	Net Change	Course Number Change	Credit Value Change	Title Change
Agriculture & Life Sciences	10	14	-4	2	6	4
Business	5	4	+1	0	0	1
Design	23	6	+17	1	6	8
Engineering	14	46	-32	2	1	11
Human Sciences	13	14	-1	1	6	44
Liberal Arts and Sciences	38	37	+1	4	12	47
Veterinary Medicine	3	2	+1	0	3	4
Interdisciplinary Programs	1	2	-1	0	0	2
TOTAL	107	125	-18	10	34	121

The following summary describes trends that underscored the proposed course changes in the colleges:

- ◆ The **College of Agriculture and Life Sciences** Agronomy program had many of the major changes to the courses and curriculum. There were minor adjustments in course offerings in other programs. The College continues the process for assessment of college level student outcomes.
- ◆ The **College of Business** continues to explore opportunities to adapt the curriculum to meet the growing demand for skills to mine and analyze big data, including the creation of a graduate certificate in Business Analytics. The college expanded its focus to include the new area of Entrepreneurship through an undergraduate degree. The college is also exploring further development of real estate offerings, including a recent hire in this area. A new course focusing on ethics taught in the college is now a required part of the curriculum for all undergraduate business majors.
- ◆ The **College of Design** had changed in the graduate course sequence for the Master of Landscape Architecture program which resulted in the addition of new courses. The college expanded its focus on interdisciplinary graduate studies and added seven new double degrees. The Department of Community and Regional Planning added two minors. There were adjustments in course offerings, including credit hours and title changes from other departments.
- ◆ The **College of Engineering** continues to update and add courses which reflect needs of constituents.

- ◆ The **College of Human Sciences** curricula are continuously developed to respond flexibly to rapidly evolving career opportunities. The Department of Apparel, Events, and Hospitality Management modified course requirements in its majors. The Department of Food Science and Human Nutrition responded to changes in the dietetics profession and expanding food and health systems. The Department of Human Development and Family Studies is incorporating more aspects of family health and well-being in the curriculum. The Department of Kinesiology is adjusting the curriculum to accommodate students using the major in preparation for health profession education programs. There were no curricular changes in the School of Education academic programs.
  
- ◆ The **College of Liberal Arts and Sciences** approved a minimum grade standard in the college – at a minimum, students must demonstrate their communication proficiency by earning a grade of C or better in ENGL 250; some majors set higher requirements for communication proficiency. To assist departmental leadership with curriculum issues, such as submitting experimental course proposals, the Curriculum Committee chair and members met with the Dean’s Cabinet and departmental curriculum committee chairs to summarize major activities and to offer recommendations on what the committee examines in new course proposals.
  
- ◆ The **College of Veterinary Medicine** underwent an extensive review of the entire curricula as required to be done every seven years by accreditation standards. Two changes were made to the senior year curriculum. The 4<sup>th</sup> year Food Animal Option added a required course and decreased the number of selective credits by two to keep the overall credits required the same at 44. This change was made to ensure all food animal interested students have a real-life experience in food animal ambulatory practice before graduation. The second change occurred in the 4<sup>th</sup> year Small Animal Option. Two courses were eliminated, removed the requirement for any selectives, and offered the credits as electives while maintaining the 44 credit requirement for the year. These changes were made to provide small animal interested students with more flexibility in designing their senior year program. Other minor course adjustments were made to reflect what is taught in each course.
  
- ◆ **The Graduate College** interdisciplinary programs continue to bring together faculty from various departments and colleges to develop cutting edge programs which will prepare graduates for careers in industry, academia, and government. The ability to draw on faculty resources across disciplines strengthens the programs and allows them to adapt to current industry needs. The Graduate College worked with several colleges to provide incentive funding for new doctoral students in interdepartmental majors.