

Contact: Diana Gonzalez

PROPOSED REVISIONS FOR THE IOWA STATE UNIVERSITY
2014-2015 GENERAL CATALOG

Action Requested: Consider approval of the proposed revisions for the 2014-2015 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 three new programs approved by prior action of the Board (ESAC 7, August 2012; ESAC 11 and ESAC 13, August 2013), three program eliminations (ESAC 7, April 2012; and ESAC 7, March 2014), and two new minors. 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 priority to provide "educational excellence and impact" and Goal #8 "Iowa's public universities and special schools shall be increasingly efficient and productive."

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 2013-2014 Catalog that have not been taught in some time will be dropped.
- ◇ The proposed revisions included an addition of 162 new courses and the elimination of 111 courses, which resulted in a net increase of 51 courses. The new courses are primarily due to new program offerings.
- ◇ The net increase in the College of Design resulted from the addition of two interdisciplinary master degree programs. The net increase in the College of Human Sciences resulted primarily from the addition of four new graduate certificates.

SUMMARY OF PROPOSED REVISIONS
2014-2015 GENERAL CATALOG

College	New Courses	Dropped Courses	Net Change	Course Number Change	Credit Value Change	Title Change
Agriculture & Life Sciences	18	7	+11	2	8	4
Business	4	0	+4	7	0	0
Design	29	1	+28	0	0	0
Engineering	22	60	-38	1	2	0
Human Sciences	40	19	+21	4	4	12
Liberal Arts and Sciences	26	23	+3	5	9	46
Veterinary Medicine	14	1	+13	0	0	2
Interdisciplinary Programs	9	0	+9	0	1	0
TOTAL	162	111	+51	19	24	64

SUMMARY OF PROGRAM CHANGES

PROGRAMS ADDED BY PRIOR BOARD ACTION

- ☞ Master of Engineering in Engineering Management (August 2012, ESAC 7)
- ☞ Master in Finance (August 2013, ESAC 11)
- ☞ Bachelor of Science in Public Relations (August 2013, ESAC 13)

PROGRAMS ELIMINATED BY PRIOR BOARD ACTION

- ☞ Master of Science and Ph.D. in Zoology (April 2012, ESAC 7)
- ☞ Master of Agriculture in Professional Agriculture (March 2014, ESAC 7)

NEW MINORS

- ☞ Landscape Management Minor
- ☞ Food and Society Minor

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

- ◆ The **College of Agriculture and Life Sciences** undergraduate enrollment was at an all-time high in Fall 2013 which placed great pressure on availability of seats in lecture and laboratory courses. Teaching faculty members are feeling significantly increased demands on their time by students. Concurrent Bachelor/MBA degree programs were approved in Food Science/MBA and Animal Science/MBA. Proposals for concurrent Agricultural Systems Technology/MBA and Industrial Technology/MBA degree programs are pending.
- ◆ The **College of Business** received Board approval to create a new Master of Finance degree program. It is a full-time residential program that provides a more quantitative skill set than the undergraduate Finance program and prepares students for careers in advanced financial data analysis, credit analysis, risk management, and similar specialized areas. The program will also be helpful to those wishing to pursue professional certifications, such as Chartered Financial Analyst and Financial Risk Manager. The first class of students began in Fall 2014. Proposals for concurrent Master of Science in Economics/Master of Finance and MBA/Master of Finance programs are pending. Concurrent Bachelor/MBA degree programs were approved in Food Science/MBA and Animal Science/MBA. Proposals for concurrent Agricultural Systems Technology/MBA and Industrial Technology/MBA degree programs are pending. The College has approved the addition of a Management specialization in the Ph.D. in Business and Technology program; other approvals are pending.

- ◇ The **College of Design** increased collaboration with other colleges to develop interdisciplinary degree programs and shared faculty positions in high-impact areas, a push to incorporate technology to enhance traditional studio arts courses, and an effort to link design research with outreach to benefit Iowa communities. Iowa State University received institutional membership in the National Association of Schools of Art and Design (NASAD). NASAD does not accredit individual degree programs, but rather the university, based on a successful review of that institution's art- and design-related programs. The architecture programs received continued accreditation.
- ◇ The **College of Engineering** programs were accredited in November 2012. The college continues to introduce new courses and minors in areas that are relevant to the needs of the students and the constituents of the college.
- ◇ The **College of Human Sciences** received approval to change the name of the Department of Apparel, Educational Studies, and Hospitality to the Department of Apparel, Events, and Hospitality Management. The newly named Financial Counseling and Planning program reflects a focus on the preparation of students for careers in financial counseling and planning. Four graduate certificates were developed – Developmental and Family Sciences Advanced Research Design and Methods; Family Well-Being in Diverse Society; Infant and Early Childhood Mental Health; and Life-span Development. A specialization in youth development is now offered through the Master of Family and Consumer Services. The School of Education merged the departments of Curriculum and Instruction and Educational Leadership and Policy Studies.
- ◇ The **College of Liberal Arts and Sciences** revised and expanded the curriculum in leadership with the development of courses in Community Leadership and Policy Studies coordinated by the Carrie Chapman Catt Center for Women in Politics. The college's curriculum has the most discipline-wise diverse courses at ISU, including many of the core, general education disciplines required for most undergraduate students. The development of new courses and the elimination of a significant number of courses that have not been taught recently have improved the breadth and presentation of course offerings from the 40+ majors and degree programs available in the College.
- ◇ The **College of Veterinary Medicine** continues to seek continuous curricular quality improvement informed by analysis of performance and satisfaction outcomes data. Changes reflect the emphasis on gradual improvements which meet changing student needs.
- ◇ **Interdisciplinary Programs** includes a new Ph.D. Program in Wind Energy Science, Engineering and Policy which is the first Ph.D. in wind energy in Iowa. The program represents the collaboration of 13 departments, three colleges, 17 faculty members, and a \$3.14M Interactive Graduate Education and Research Traineeship award from the National Science Foundation. This award exemplifies the trend for interdisciplinary programs which promote collaboration from various departments and colleges to develop cutting edge programs which prepare graduates for careers in industry, academia, and government.