UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 3
Fall 2013

---COURSES---

The courses listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All new and revised courses are printed in their entirety under the headings Current and Proposed, respectively. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	New Revise Drop	Current	Proposed	Effective Date
CHEM	370	New	--N/A--	**Chemical Biology** 3 Course Prerequisite: CHEM 345 with a C or better. Explore the chemistry of biological systems with regards to structure and function relations as well as metabolism and energy production.	8-14
COMSTRAT	485	Revise	**[M] Public Relations Management and Campaigns** 3 Course Prerequisite: COMSTRAT 309 or 409; COMSTRAT 312; COMSTRAT 381; certified major in Communication. Application of public relations principles, management, persuasion theory and research methods to public relations issues.	**(412) [M] Public Relations Management and Campaigns** 3 Course Prerequisite: COMSTRAT 309 or 409; COMSTRAT 312; COMSTRAT 381 or 383; certified major in Communication. Application of public relations principles, management, persuasion theory and research methods to public relations issues.	8-14
CRM J	491	New	--N/A--	**Special Topics: Study Abroad** 3 May be repeated for credit; cumulative maximum 12 hours. Criminal Justice Study Abroad. Cooperative: Open to UI degree-seeking students.	8-14
ENGR	120	Revise	**Innovation in Design** ~~2~~ Introduction to engineering disciplines, problem solving, design teamwork and ethics.	**Innovation in Design** 2 (1-3) Introduction to engineering disciplines, problem solving, design teamwork and ethics.	1-14
UCOLLEGE		Drop	**Drop subject "UCOLLEGE". [To be replaced with new subject "UNIV".]**		8-14

UNIV		New		New subject "UNIV" for the university-wide curriculum courses.	8-14
UNIV	100	Revise	**College Majors and Career Exploration** 1 Career development and the decision-making process; exploration of academic majors and careers. Credit not granted for UCOLLEGE 100 and 101.	**(UCOLLEGE)** **College Majors and Career Exploration** 1 Career development and the decision-making process; exploration of academic majors and careers. Credit not granted for UCOLLEGE 100 and 101.	**8-14**
UNIV	101	Revise	**College Majors and Career Choice** 1 Course Prerequisite: By permission only. Career development and the decision-making process; exploration of academic majors and careers. Credit not granted for UCOLLEGE 100 and 101.	**(UCOLLEGE)** **College Majors and Career Choice** 1 Course Prerequisite: By permission only. Career development and the decision-making process; exploration of academic majors and careers. Credit not granted for UNIV 100 and 101.	**8-14**
UNIV	104	Revise	**Pathways to Academic Success Seminar** 2 Introduction to college-level research and writing, including analysis of source material, disciplinary/interdisciplinary discourse, and development of critical thinking.	**(UCOLLEGE)** **Pathways to Academic Success Seminar** 2 Introduction to college-level research and writing, including analysis of source material, disciplinary/interdisciplinary discourse, and development of critical thinking.	**8-14**
UNIV	199	Revise	**Introduction to Directed Research** V 1-3 May be repeated for credit; cumulative maximum 12 hours. May be repeated for credit; cumulative maximum 12 hours. Course Prerequisite: By permission only. Introduction to independent research, scholarship, reading analysis, creative project, or field experiences.	**(UCOLLEGE)** **Introduction to Directed Research** V 1-3 May be repeated for credit; cumulative maximum 12 hours. May be repeated for credit; cumulative maximum 12 hours. Course Prerequisite: By permission only. Introduction to independent research, scholarship, reading analysis, creative project, or field experiences.	**8-14**
UNIV	250	Revise	**Success in College and Beyond** 1 Skills and strategies that are critical for college success, professional development, and personal growth. S,F grading.	**(UCOLLEGE)** **Success in College and Beyond** 1 Skills and strategies that are critical for college success, professional development, and personal growth. S,F grading.	**8-14**
UNIV	300	Revise	**Accessing Information for Research** 1 Effective research strategies in the disciplines, including emerging information resources, such as Internet.	**(UCOLLEGE)** **Accessing Information for Research** 1 Effective research strategies in the disciplines, including emerging information resources,	**8-14**

					such as Internet.	
UNIV	**301**	**Revise**	**College Major and Career Planning** 1 Course Prerequisite: Sophomore standing. Assistance in developing effective major, career, and graduate school management approaches.	**(UCOLLEGE) College Major and Career Planning** 1 Course Prerequisite: Sophomore standing. Assistance in developing effective major, career, and graduate school management approaches.	**8-14**
UNIV	**302**	**Revise**	**Advanced Writing Tutorial** 1 (0-3) May be repeated for credit; cumulative maximum 5 hours. Student-centered group tutorial on writing improvement in upper division courses. Enrollment in a Writing in the Major course or course that assigns writing is required. S, F grading.	**(UCOLLEGE) Advanced Writing Tutorial** 1 (0-3) May be repeated for credit; cumulative maximum 5 hours. Student-centered group tutorial on writing improvement in upper division courses. Enrollment in a Writing in the Major course or course that assigns writing is required. S, F grading.	**8-14**
UNIV	**303**	**Revise**	**[W] Composing and Evaluation Strategies** 1 Strategies of writing evaluation and composing strategies for writing-intensive courses. By instructor permission.	**(UCOLLEGE) [W] Composing and Evaluation Strategies** 1 Strategies of writing evaluation and composing strategies for writing-intensive courses. By instructor permission.	**8-14**
UNIV	**304**	**Revise**	**Seminar in Focused Exploration and Leadership** 2 Course Prerequisite: Sophomore standing. Seminar designed for students in transition to become better acclimated to the university environment and to aid in achieving academic and personal success.	**(UCOLLEGE) Seminar in Focused Exploration and Leadership** 2 Course Prerequisite: Sophomore standing. Seminar designed for students in transition to become better acclimated to the university environment and to aid in achieving academic and personal success.	**8-14**
UNIV	**398**	**Revise**	**Internship** V 2-15 May be repeated for credit; cumulative maximum 15 hours. Cooperative educational internship with a business, government or non-profit organization. S, F grading.	**(UCOLLEGE) Internship** V 2-15 May be repeated for credit; cumulative maximum 15 hours. Cooperative educational internship with a business, government or non-profit organization. S, F grading.	**8-14**
UNIV	**491**	**Revise**	**Integrative Capstone** 1 Integrative culminating experience for university-wide interdisciplinary programs.	**(UCOLLEGE) Integrative Capstone** 1 Integrative culminating experience for university-wide interdisciplinary programs.	**8-14**
UNIV	**496**	**Revise**	**Experiences in Health Care** V 1-3 May be repeated for credit;	**(UCOLLEGE) Experiences in Health Care** V 1-3 May be	**8-14**

Dept						Effective Date
			cumulative maximum 6 hours. Work or shadowing experience under supervision of a qualified professional in a clinic. S, F grading. S, F grading.	repeated for credit; cumulative maximum 6 hours. Work or shadowing experience under supervision of a qualified professional in a clinic. S, F grading.		
UNIV	**497**	**Revise**	**Peer Leadership** V 1-4 May be repeated for credit; cumulative maximum 9 hours. Development of leadership and interpersonal skills for specific peer leadership and paraprofessional positions.	**(UCOLLEGE) Peer Leadership** V 1-4 May be repeated for credit; cumulative maximum 9 hours. Development of leadership and interpersonal skills for specific peer leadership and paraprofessional positions.		**8-14**

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---REQUIREMENTS---

The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All changes are underlined. Deletions are crossed out. The column to the far right indicates the date each change becomes effective.

Dept	Proposed	Effective Date
Biological Sciences Revise graduation requirements for BS in Biology, all options to add exit survey.	Fourth Year Second Term Complete School of Biological Sciences Exit Survey	**8-14**
Biological Sciences Revise graduation requirements for BS in Zoology, all options to add exit survey.	Fourth Year Second Term Complete School of Biological Sciences Exit Survey	**8-14**
Digital Technology and Culture (DTC)	**Digital Technology and Culture(120 Hours)** DTC Certification Requirements, Pullman Campus Certification will take place each semester approximately one month before registration for the following semester begins can take place at any point during the semester. To apply for certification a student must have the following: 24 completed hours; a minimum 2.2 gpa; one credit of ENGLISH 300 with evidence of projects OR sufficient evidence of facility a sample digital text in web authoring, animation, video production, and/or graphic design; and a written statement of purpose	**8-14**

	(approximately 500-750 words) explaining how the DTC major supports the student's career goals. <u>This statement should also describe how the sample digital text was produced and justify the text's overall design choices.</u> Certification applications will be reviewed by a committee that includes the DTC Director, Assistant Director, and one DTC instructor or a graduate student teaching DTC courses. ~~Students will be placed in rank order and the top students will be certified based on how many spots are available.~~ Transfer students with 55 or more hours should complete the certification requirements within two semesters. All students should certify before earning 90 hours.	
Electrical Engineering and Computer Science Revise certification requirements for BA in Computer Science	**Bachelor of Arts, Computer Science Requirements (122 Hours)** Students may apply for certification into the Bachelor of Arts in Computer Science degree program after completion of <u>the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher</u>: CPT S 121, 122, 223; MATH 201, 202, 216; PHIL 201. MATH 171, 172 may be substituted for MATH 201, 202. No courses listed in this schedule of study may be taken on a pass/fail basis. All listed E E and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better.	**8-14**
Electrical Engineering and Computer Science Revise certification requirements for BS in Computer Science	**Bachelor of Science, Computer Science Requirements(120 Hours)** Students may apply for certification into the Bachelor of Science in Computer Science degree program after completion of <u>the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher</u>: CPT S 121, 122, 223; MATH 171, 172, 216; PHIL 201; PHYSICS 201. No courses listed in this schedule of study may be taken on a pass/fail basis. All listed E E and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better.	**8-14**
Electrical Engineering and Computer Science Revise certification requirements for BS Electrical Engineering	**Electrical Engineering Requirements(123 Hours)** Students may apply for certification into the Bachelor of Science in Electrical Engineering degree program after completion of <u>the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher</u>: CHEM 105; CPT S 121; CPT S 122; E E 214; ENGLISH 101; MATH 171, 172, 220, 273; PHYSICS 201, 202. No courses listed in this schedule of study may be taken on a pass/fail basis. All listed E E and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better.	**8-14**

Electrical Engineering and Computer Science Revise certification requirements for BS in Computer Engineering.	**Computer Engineering Requirements(123 Hours)** Students may apply for certification into the Bachelor of Science in Computer Engineering degree program after completion of the following courses with a grade of C or better and a cumulative GPA of 2.5 or higher: CHEM 105; CPT S 121, 122; E E 214; MATH 171, 172, 216; PHYSICS 201, 202. No courses listed in this schedule of study may be taken on a pass/fail basis. All listed E E and CPT S courses, required electives, and prerequisites to these courses must be completed with a grade of C or better.	**8-14**
Foreign Languages and Cultures Revise requirements in BA in Foreign Languages and Culture, all majors (Chinese Language and Culture, French, and Spanish)	A minimum of 34 hours beyond the 203 level (or the equivalent level in competence) in the major language is required for a Bachelor of Arts degree in Foreign Languages and Cultures. 101, 102, and 203 do not count toward the major. Students who place into 102 and receive a B or better qualify for an additional 4 departmental advanced placement credits; students placing into 203 or above and receiving a B or better qualify for 8 departmental advanced placement credits. A maximum of 8 departmental AP credits is possible. See department for details. Majors must complete either a minor in a second foreign language, a concentration of at least 16 credits in a related field, or a second major. No course in which a C- or lower grade is earned will be counted toward the major or minor. 300-400-level courses taken pass, fail may not be included for credit toward the major. No course may be repeated for credit toward the major unless thus designated in the catalog. No course may count for both the major and the minor. Majors and prospective majors are strongly encouraged to spend at least one semester abroad, living in the target culture and enhancing their fluency. Many accredited study abroad programs are available; students should work with their advisors in the selection of a program. Of the 34 hours required for the major, a minimum of 15 must be taken in residence with 6 of these hours at the 400-level. A maximum of 12 credits per semester or 18 credits per year earned in a study abroad program may be applied toward the major. Credits for 105, 205, 305, 405 may not be applied toward the major or minor. All majors must complete an exit proficiency examination during the semester in which they complete the last language course of their major. There is a fee charged for the exam.	**8-14**
Foreign Languages and Cultures Revise requirements for	**Chinese, French, German, Japanese, or Spanish**	**8-14**

Minor in Chinese, French German, Japanese, or Spanish	To fulfill requirements for a minor in Chinese, French, German, Japanese, or Spanish, a student must complete a minimum of 17 credits of course work in one language area. A foundation of the target language, 203 and 204 (8 credits), is required; in addition, 3 courses (9 credits) must be taken in courses other than 203-204 at the 300-400 level. A minimum of 9 credits with a letter grade must be taken in residence at WSU, of which 3 must be at the 300-400-level. All courses must be passed with a grade of C or better. Only courses thus designated in the Catalog may be repeated for credit toward the minor. Courses counting towards a minor in the language may not be counted towards a major in International Area Studies (i.e., Asian Studies, Latin America Area Studies, German Area Studies, or French and Francophone Area Studies). 105, 205, ~~and~~ 305<u>, and 405</u> may not count towards the minor. For courses taken in Study Abroad Programs or as other transfer credits, please check with your advisor. <u>All Chinese, French, German, Japanese, and Spanish language minors must also complete an exit proficiency examination interview during the semester in which they complete the last language course of their minor. There is a fee charged for the exam.</u>	
Mathematics Revise graduation requirements for BS in Mathematics – Secondary Teaching Option with Certification	Mathematics - Secondary Teaching Option with Certification(134 Hours) **Mathematics Major Core Requirements** In addition to the UCORE requirements and the College of Arts and Sciences requirements, a mathematics major is required to take MATH 171, 172 (or 182), 220 (or 230), 273 (or 283), 300, 301, 315, 360 (or 443), 398, 401, 402, 420, 421, four additional 300-400 level MATH courses specified by a chosen option, CPT S 121 or 251, PHYSICS 201, and ENGLISH 402 (or 403 or non-native English speakers). These core courses are required for all mathematics major options, except the Secondary Mathematics Teaching Option, where CPT S 121 or 251, MATH 402 and 420 are not required, MATH 216, ~~303,~~403, and 330 are required, ENGLISH 201 (or 301) is required instead of 402, and MATH 320 may be substituted for 421. Courses required for the major may not be taken pass/fail, and a 2.0 minimum GPA is required. SECONDARY MATHEMATICS TEACHING OPTION WITH CERTIFICATION Required Courses: MATH 216, ~~303,~~403, 330, 431, 432 and two additional 3-credit 300-400 level Math classes. Mathematics major core courses CPT S 121 or 251, Math 402 and 420 are not required. Students	**8-14**

must take ENGLISH 201 (or 301) instead of ENGLISH 402. Students may substitute MATH 320 for 421.

TCH LRN Requirements: Secondary education teacher certification also requires PSYCH 105, ED PSYCH 468, TCH LRN 301, 317, 415, 464, 465, 466, 467, 469 and 470. A TCH LRN advisor must be consulted for approval and sequencing.

Third Year

First Term	Hours
MATH ~~303~~ 403	3
MATH 330 [M]	3
MATH 360	3
MATH 401 [M] or 431	3
Electives	3