DATE: January 26, 2015

SUBJECT: NOTICE OF CURRICULUM CHANGES

This notice of Curriculum Changes is published as required by the EPC Manual, part of the Faculty Handbook (8th ed., September 2014). The following paragraph may be found in Part VI, Section 3, “Procedures Governing Revision of Curriculum and Degree Requirements”:

5: Faculty members objecting to a particular proposal must express their objections in writing to the EPC within 30 days.* This 30-day period begins with the committee’s distribution of its “Notice of Curriculum Changes.” Objections received within this 30-day period will suspend approval pending resolution of the objections. In the event a dispute cannot be resolved, the committee will make its recommendation to the faculty for its action at the next regular faculty meeting.

Complete copies of the proposals may be obtained from the Provost’s Office or from Martin Wurm, Economics and Chair of the Educational Policies Committee for the 2014-15 academic year. In addition, some proposals may be found online in the EPC section of the Office of the Provost Sakai, to which all PLU faculty should have access.

*The 30-day period starts January 26, 2015 and ends February 26, 2015

CURRICULUM CHANGES

EPC places on the 30-day clock memo for faculty review:

COMPUTER SCIENCE AND COMPUTER ENGINEERING
CSCE, eliminate the BS in Computer Engineering, Type 5, beginning Summer/Fall 2015
Modify existing courses, add permanent courses, revise curriculum, Type 4, beginning Summer/Fall 2015

New Courses

CSCE 133: Introduction to Computational and Data Science
Introduction to computer programming and problem-solving using real datasets from a variety of domains such as science, business, and the humanities. Introduces the foundations of computational thinking, modeling and simulation and data visualization using the Python programming language and R statistical package. Intended for students without prior programming experience. Prerequisite: Four years of high school mathematics or MATH 140 or equivalent. (4)
CSCE 302: Computer Organization
Introduction to digital logic and computer architecture. Topics include instruction and data representations, RISC and CISC instruction sets, addressing, subroutines, benchmarking, interface between assembly language and high-level programming languages, memory structure, combinational logic, and the construction and operation of the datapath. Laboratory component includes computer system and assembly language simulation. Prerequisite: CSCE 144. Strongly recommended: CSCE 270. (4)

CSCE 390: Objects and Design
Object-oriented programming techniques, tools and best practices for dealing with large programs. Topics include object-oriented design and programming, specifications, quality processes, effective debugging, and software testing. Prerequisite: CSCE 270 (4)

Deleted Course

CSCE 320: Software Engineering

Modified Courses

OLD
CSCE 367: Database Management
An introduction to the fundamental concepts necessary for design, use, and implementation of database systems. The entity-relationship and relational models are studied in detail. Individual, organization, and societal concerns related to accuracy and privacy of data. Major small group project. Prerequisite: CSCE 144. Recommended: CSCE 270. (4)

NEW
CSCE 367: Database and Web Programming
An introduction to the fundamental concepts necessary for design, use, and implementation of database systems, with application to web-based software. The entity-relationship and relational models are studied in detail. Individual, organization, and societal concerns related to accuracy and privacy of data. Major small group project. Prerequisite: CSCE 144. Recommended: CSCE 270. (4)

OLD
CSCE 386: Computer Networks
An introduction to computer networks and computer communication protocols from the physical layer through the transport layer. Topics include connection oriented and connectionless networks, error detection and correction, LANs, sockets, and routing. Application layer topics can include HTTP, DNS, and email. Prerequisite: CSCE 270. Recommended: CSCE 231, MATH 242. (4)

NEW
CSCE 386: Computer Networks
An introduction to computer networks and computer communication protocols from the physical layer through the transport layer. Topics include connection oriented and connectionless networks, error detection and correction, LANs, sockets, and routing. Application layer topics can include HTTP, DNS, and email. Prerequisite: CSCE 270. Recommended: MATH 242. (4)

OLD
CSCE 444: Operating Systems
An introduction to computer operating systems including process scheduling, memory management, and file systems. Major small group project. Prerequisite: CSCE 380, MATH 245. Recommended: CSCE 343. (4)
**NEW**
CSCE 444: Operating Systems
An introduction to computer operating systems including process scheduling, memory management, and file systems. Major small group project. **Prerequisite:** CSCE 302 or CSCE 380, and MATH 245. Recommended: CSCE 343. (4)

**OLD**
CSCE 499A: Capstone: Senior Seminar – SR
Written and oral presentation of a project in a topic of interest by the student under the supervision of a faculty member. Students normally work in small groups (two or three students). Includes discussion of the skills needed for good research and technical communication of that research and a study of the social implications of computing. The capstone is a two-semester sequence beginning in the fall semester. May graduates should start the course in the fall of their senior year and December graduates should begin the course in the fall of their junior year. There are two semester hours given each term for a total of four semester hours. Prerequisites: Prerequisites depend on the major and degree. The B.S. in computer science requires CSCE 320. The B.S. in computer engineering requires CSCE 231, 270, and 345. The B.A. in computer science requires CSCE 270. (2)

**NEW**
CSCE 499A: Capstone: Senior Seminar – SR
Written and oral presentation of a project in a topic of interest by the student under the supervision of a faculty member. Students normally work in small groups (two or three students). Includes **gathering requirements from the client/customer, taking a product through the full life-cycle**, technical communication and a study of the social implications of computing. The capstone is a two-semester sequence beginning in the fall semester. May graduates should start the course in the fall of their senior year and December graduates should begin the course in the fall of their junior year. **With CSCE 499B meets the senior seminar/project requirement.** **Prerequisites:** Prerequisites depend on the major and degree. The B.S. in computer science requires CSCE 390. The B.S. in computer engineering requires CSCE 231, 270, and 345. The B.A. in computer science requires CSCE 270, **and CSCE 367 or CSCE 390.** (2)

**OLD**
CSCE 499B: Capstone: Senior Seminar – SR
See description for CSCE 499A. (2)

**NEW**
CSCE 499B: Capstone: Senior Seminar – SR
**Continuation of CSCE 499A.** **With CSCE 499A meets the senior seminar/project requirement.** **Prerequisite:** CSCE 499A. (2)

**Catalog & Curriculum Changes**

*Catalog section:* Undergraduate Courses and Curricula Information/Computer Science and Computer Engineering

**OLD**
Computer science deals with the theory, design, and application of computing systems and the study of the storing and manipulation of information. The program at Pacific Lutheran University provides a broad base core of fundamental material that stresses analysis and design experiences with substantial
laboratory work, including software development. In addition, students are exposed to a variety of programming languages and systems. Students can choose from a number of upper-division courses, which ensure a depth of knowledge and an understanding of current developments in the field. The Bachelor of Science degree program in computer science has been accredited by the Computing Accreditation Commission of ABET.

Computer engineering is an engineering specialty that has grown out of rapidly evolving micro- and mini-computer technology. The curriculum consists of essential and advanced elements from computer science and electrical engineering, developing both hardware and software expertise. Electives permit concentration in areas such as integrated circuit design, robotics, microprocessor applications, computer design, computer security, application software development, and artificial intelligence. The Bachelor of Science degree program in computer engineering has been accredited by the Engineering Accreditation Commission of ABET.

In keeping with the university’s mission “to educate students for lives of thoughtful inquiry, service, leadership, and care—for other people, for their communities, and for the earth,” there are four major objectives of the computer science and computer engineering programs.

Our objectives state what a PLU graduate with a major in Computer Science or Computer Engineering is expected to achieve within a few years after graduation.

1. Graduates who choose to enter the workforce will become well-rounded, creative, productive, and valuable professionals in their field.
2. Graduates who choose to pursue advanced degrees will be accepted into a graduate program and make effective progress towards their degree.
3. Graduates will have an aptitude and desire to engage in lifelong learning, and will adapt to new technologies, tools, and methodologies.
4. Graduates will understand the societal, legal, and ethical implications of their work, and will share their knowledge skills and expertise with their colleagues and community.

For a complete description of the CSCE objectives and outcomes visit the department website at www.cs.plu.edu.

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Catalog section: Undergraduate Courses and Curricula Information/Computer Science and Computer Engineering/Beginning Classes in Computer Science and Computer Engineering

OLD
BEGINNING CLASSES IN COMPUTER SCIENCE AND COMPUTER ENGINEERING (CSCE)

There are several beginning-level classes designed for students with various needs:

- CSCE 115: Solve it with the Computer: Especially for students with little or no background in computer science who wish an introduction to the use of the computer for problem solving. This course also satisfies the Mathematical Reasoning requirement.
- CSCE 120: Computerized Information Systems: Especially appropriate for business majors and other students wishing an introduction to the computer and applications of software packages.
- CSCE 144: Introduction to Computer Science: For students majoring in computer science, computer engineering, mathematics, and most science majors, as well as others wishing a strong experience in computer programming.
- CSCE 270: Data Structures: This is the second course in the major. With departmental approval, students with a strong programming background may receive advanced placement into this course.

NEW
BEGINNING CLASSES IN COMPUTER SCIENCE

There are several beginning-level classes designed for students with various needs:

- CSCE 115: Solve it with the Computer: Especially for students with little or no background in computer science who wish an introduction to the use of the computer for problem solving. This course also satisfies the Mathematical Reasoning requirement.
- CSCE 120: Computerized Information Systems: Especially appropriate for business majors and other students wishing an introduction to the computer and applications of software packages.
- CSCE 144: Introduction to Computer Science: For students majoring in computer science, mathematics, and most science majors, as well as others wishing a strong experience in computer programming.
- CSCE 270: Data Structures: This is the second course in the major. With departmental approval, students with a strong programming background may receive advanced placement into this course.
OLD
COMPUTER SCIENCE AND COMPUTER ENGINEERING MAJORS

Students majoring in computer science may choose to earn either a Bachelor of Arts degree in Computer Science or a Bachelor of Science degree in computer science or computer engineering.

The Bachelor of Arts program is the minimum preparation suitable for further professional study and is often combined with extensive study or a second major in an allied field.

The Bachelor of Science degrees are strong, scientific degrees that contain additional courses in computer science, mathematics, and science and serve both students going directly into employment on graduation and those going into graduate programs.

Students should take CSCE 144, 270 and MATH 151, 152 early in their program.

Restrictions for all three majors

- A minimum grade of C is required in all CSCE and MATH courses counted for a major and a minimum grade of a C- in all other supporting courses.
- Only one CSCE topics course (either 400, 410, x87, x88, or x89) can be used as an elective for a major.
- For the B.A. degree, at least 12 upper-division hours must be completed at PLU.
- For the B.S. degrees, at least 16 upper-division hours must be completed at PLU.

NEW
COMPUTER SCIENCE MAJORS

Students majoring in computer science may choose to earn either a Bachelor of Arts degree or a Bachelor of Science degree in Computer Science.

The Bachelor of Arts program is the minimum preparation suitable for further professional study and is often combined with extensive study or a second major in an allied field.

The Bachelor of Science degree is a strong, scientific degree that contains additional courses in computer science, mathematics, and science and serves both students going directly into employment on graduation and those going into graduate programs.

Students should take CSCE 144, 270 and MATH 151, 152 early in their program.

Restrictions for both majors

- A minimum grade of C is required in all CSCE and MATH courses counted for a major and a minimum grade of a C- in all other supporting courses.
- Only one CSCE topics course (either 400, 410, x87, x88, or x89) can be used as an elective for a major.
- For the B.A. degree, at least 12 upper-division hours must be completed at PLU.
- For the B.S. degree, at least 16 upper-division hours must be completed at PLU.
OLD
BACHELOR OF ARTS DEGREE
Major in Computer Science
28 semester hours in CSCE, plus 12 semester hours in mathematics

- CSCE 144, 270; 320 or 367; 499A and 499B
- The remaining hours are from CSCE 231, or computer science and computer engineering courses numbered above CSCE 349 (except CSCE 331, 345, and 449).
- Up to 4 semester hours may be substituted from MATH 242 or 356.
- Required supporting: MATH 151, 152, and 245

NEW
BACHELOR OF ARTS DEGREE
Major in Computer Science
28 semester hours in CSCE, plus 12 semester hours in mathematics

- CSCE 144, 270; 367 or 390; 499A and 499B
- The remaining hours are from computer science courses numbered above CSCE 300 (except CSCE 331 and 345).
- Required supporting: MATH 151, 152, and 245

OLD
BACHELOR OF SCIENCE DEGREE
Major in Computer Science
44 semester hours in CSCE, plus 30 semester hours of supporting courses in mathematics and science

- 44 semester hours of computer science must include CSCE 144, 234, 270, 320, 343, 371, 380, 499A and 499B
- 12 additional credits of approved elective courses, one of which must be from CSCE 367, 386, or 444.
- Elective courses submitted for approval are to be selected from the computer science courses numbered above CSCE 349 (except 331, 345, and 449), or hours from MATH 356 not counted toward the 30 hours of required supporting courses.
- The 30 hours of supporting courses in mathematics and science must include:
  - MATH 151, 152, 242, 245
  - A minimum of 8 semester hours of approved science courses, which includes a year’s sequence of a laboratory science. PHYS 153, 154 with 163, 164 are preferred.
  - Also acceptable are any of the following three options: CHEM 115, 116; BIOL 225, 226; or one of GEOS 102-105 and GEOS 201.
- Approved sciences courses are: any BIOL, except 111; any CHEM, except 104, 105; any Geosciences; any Physics; CSCE 345.
- The remaining hours may be chosen from any Mathematics course numbered above 329 (except 446), CSCE 331, CSCE 131, or any approved science course.

NEW
BACHELOR OF SCIENCE DEGREE
Major in Computer Science
44 semester hours in CSCE, plus 30 semester hours of supporting courses in mathematics and science

- CSCE 144, 270, 302, 343, 371, 390, 444, 499A and 499B
• 12 additional hours selected from computer science courses numbered above CSCE 300 (except 331 and 345), or hours from MATH 356 not counted toward the 30 hours of required supporting courses.

• The 30 hours of supporting courses in mathematics and science must include:
  o MATH 151, 152, 242, 245
  o A minimum of 8 semester hours of approved science courses, which includes a year’s sequence of a laboratory science. PHYS 153, 154 with 163, 164 are preferred.
    ▪ Also acceptable are any of the following three options: CHEM 115, 116; BIOL 225, 226; or one of GEOS 102-105 and GEOS 201
  o Approved sciences courses are: any BIOL, except 111; any CHEM, except 104, 105; any Geosciences; any Physics; CSCE 345.
  o The remaining hours may be chosen from any Mathematics course numbered above 329 (except 446), CSCE 331, CSCE 131, or any approved science course.

OLD
BACHELOR OF SCIENCE DEGREE
Major in Computer Engineering
44 semester hours in CSCE, plus 42 semester hours of supporting courses in mathematics and science

• CSCE 131, 144, 231, 270, 331, 345, 380, 385, 499A and 499B
• MATH 151, 152, 242, 245, 253; 331 or 356
• PHYS 153, 154, 163, 164
• CHEM 115
• At least 4 semester hours chosen from:
  o PHYS 221, 240, 333, 334, 336, or CHEM 341
• 10 additional semester hours from any upper-division computer science and computer engineering courses numbered above CSCE 319 (except CSCE 449).

NEW
(Deleted)

Catalog section: Undergraduate Courses and Curricula Information/Computer Science and Computer Engineering/Minors

OLD
Computer Science
20 semester hours, including

• CSCE 144, 270
• Eight additional hours of upper-division computer science courses numbered above CSCE 349 (except CSCE 331, 345, 499A and 499B).
• Required supporting: MATH 128, 151, or equivalent

NEW
Minor in Computer Science
20 semester hours, including

• CSCE 144, 270
• Eight additional hours of upper-division computer science courses numbered above CSCE 300 (except CSCE 331, 345, 499A and 499B).
• Required supporting: MATH 128, 151, or equivalent
OLD
Minor in Electrical Engineering
44 semester hours, including

- CSCE 131, 144, 234, 331, 345
- Required supporting:
  - CHEM 115; MATH 151, 152, and MATH 245 or 253
  - PHYS 153, 154, 163, 164

NEW
Minor in Electrical Engineering
44 semester hours, including

- CSCE 131, 144, 302, 331, 345
- Required supporting:
  - CHEM 115; MATH 151, 152, and MATH 245 or 253
  - PHYS 153, 154, 163, 164

Catalog section: Undergraduate Courses and Curricula Information/Computer Science and Computer Engineering/Courses Offered By Semester/Term

OLD
COURSES OFFERED BY SEMESTER/TERM

Fall Semester: 115, 120, 131, 144, 270, 331, 343, 371, 380, 386, 499A
J-Term: 120, 487, 488
Spring Semester: 115, 120, 131, 144, 234, 270, 320, 345, 367, 385, 444, 499B
Alternate Years: 340, 412, 480

NEW
COURSES OFFERED BY SEMESTER/TERM

Fall Semester: 120, 131, 133, 144, 270, 302, 331, 343, 371, 380, 386, 499A
J-Term: 120
Spring Semester: 120, 131, 144, 270, 302, 345, 367, 385, 390, 444, 499B
Alternate Years: 115, 340, 412, 480, 487, 488

ENGLISH
ENGL, create a chapter of the Sigma Tau Delta Honor Society, beginning Spring 2015

NEW
This past academic year (2013-14), student majors in the English Department took the initiative to apply to create a chapter of the International English Honor Society, Sigma Tau Delta at Pacific Lutheran University. Sigma Tau Delta is a vibrant, well-regarded organization; it was founded in 1924 and has over 870 active chapters at college and university campuses worldwide. In May of 2014, the PLU proposal was approved as an official chapter and given the name Alpha Upsilon Sigma. As a chapter of the English Honor Society, students and their faculty advisor (Prof. Jenny James) are charged with abiding by the organization’s stated objectives and regulations. These include “confering distinction for high achievement in English language and literature in undergraduate studies,” providing
opportunities for literary and cultural engagement within and beyond the college campus, fostering excellence in the discipline of English, promoting character and service in its members, and working to foster literacy in the greater community.

After preparing the organization’s constitution for recognition by ASPLU, student organizers composed the following mission for the department’s honor society: “We, the Alpha Upsilon Sigma chapter of Sigma Tau Delta, will actively pursue the enrichment and strengthening of the English community at Pacific Lutheran University for students who share an appreciation of writing and literature; who engage in discussion inspired by literature; and who carry out these discussions to address issues in our community and society.” Once the PLU faculty community has approved this chapter, students can begin to apply for membership in the international organization. Members not only receive academic recognition of their achievement in English language, writing and literature, but also have access to scholarships, writing awards and opportunities, internships and the ability to participate in Sigma Tau’s annual convention. Active members can be any PLU students who meet the following criteria (based on the organization’s core requirements and those additional requirements that were created by the PLU student organizing committee):

- Has completed an Alpha Upsilon Sigma application, including its four main parts:
  - A written personal statement of no less than 750 words;
  - A college-level essay, previously written and submitted for a grade in an English class;
  - A completed approval form from an English (writing or literature) professor; and
  - A transcript (unofficial is acceptable).

- Must have completed a minimum of two semesters of college work.

- Has eight credits beyond the already established English requirement set by PLU’s general education system (two four-credit course besides the writing and literature requirements). Acceptable credits include English writing, English literature, and cross-listed English courses. These courses may be in progress when the student applies for membership. At least four of these eight credits must be taken at PLU.

- Has a minimum of a 3.5 GPA in English courses (including writing, literature, or cross-listed English courses), and a 3.0 cumulative GPA in all college courses, including English courses.

- Shows commitment to Alpha Upsilon Sigma by attending three club-sponsored events during each semester of membership. Sponsored events include club meetings and designated events on or off campus, which may be school wide or limited to club members.

- Is actively involved in the function and development of the club by assisting with member recruitment, fundraising, and various club events.

- Actively promotes an inclusive and thoughtful English community and helps maintain a positive environment within the group.

- Need not be majoring or minoring in the discipline of English.
ENROLLMENT SERVICES

ADMI, accept Oregon AAOT and California IGETC transfer associates degrees like the Washington DTA, Type 4, beginning Summer/Fall 2015

Catalog section: Undergraduate Academic Policies and Procedures/Academic Policies and Procedures (Undergraduate)/Evaluation of Credits

OLD
Students who complete the Direct Transfer Associate degree (DTA) from an accredited Washington state community college before matriculation at PLU will be admitted with junior standing and will have satisfied all general education program elements except for four semester hours in religion (from Christian Traditions), four semester hours in Perspectives on Diversity, the two to four semester hour senior seminar requirement, and the College of Arts and Sciences requirement. The DTA does not automatically satisfy the mathematics or foreign language entrance requirements.

NEW
Admitted students who complete the Direct Transfer Associates degree (DTA) from an accredited Washington state community college, the Associate of Arts Oregon Transfer degree (AAOT) from an accredited Oregon community college, or the California Intersegmental General Education Transfer Curriculum degree (IGETC) from an accredited California community college before matriculation at PLU will be granted junior standing and will have satisfied all general education program elements except for four semester hours in religion (from Christian Traditions), four semester hours in Perspectives on Diversity, the two to four semester hour senior seminar requirement, and the College of Arts and Sciences requirement. The DTA, AAOT, and IGETC do not automatically satisfy the mathematics or foreign language entrance requirements.

GLOBAL STUDIES
GLST, modify existing courses, revise curriculum, add/delete concentrations, Type 4, beginning Summer/Fall 2015

Modified Courses

OLD
GLST 325: Political Thought –SO
A survey of the origin and evolution of major political concepts in ancient, medieval, and early modern times. May be cross-listed with POLS 325. Can count for a Philosophy major or minor. (4)

NEW
GLST 325: Global Political Thought
A survey of major political thinkers from ancient to modern times, with particular emphasis on non-Western twentieth-century contributors. Can count for a Philosophy major or minor. (4)

OLD
GLST 331: International Relations –SO

NEW
GLST 331: International Relations
OLD
GLST 380: Global Development
Designed to provide information, concepts, and alternative perspectives needed to study development as a global issue within the international political context. Examples of how general world trends manifest themselves in specific countries will be covered as well as case studies of successful development projects. Intensive writing course. (4)

NEW
GLST 380: Global Development
This course examines the emergence of international development as an idea, its effects on the livelihoods of billions of people around the world, and seeks potentials for improving the practice of development. Drawing on literature from anthropology, political science, geography, and economics, we cover theories of progress, the concept of participation, global poverty and inequality, and individual charity. (4)

OLD
GLST 383: Modern European Politics

NEW
GLST 383: Modern European Politics

OLD
GLST 384: Scandinavian Government and Politics

NEW
GLST 384: Scandinavian Government and Politics

OLD
GLST 385: Canadian Government and Politics

NEW
GLST 385: Canadian Government and Politics

OLD
GLST 431: Advanced International Relations

NEW
GLST 431: Advanced International Relations

Catalog section: Undergraduate Courses and Curricula Information/Global Studies

OLD
The Global Studies Program aims to encourage and enable students to achieve global literacy defined as a multidisciplinary approach to contending perspectives on global problems, their historical origins, and their possible solutions. To this end, the Global Studies program offers courses and experiences designed to equip students with the factual knowledge and analytical skills necessary to comprehend, and engage with, foundational questions of global analysis (e.g., the commonalities and variations
between human cultures), identifiable global themes (e.g., war and peace, economic development, globalization and trade, environmental sustainability), and the specifics of particular contemporary global problems (e.g., regional conflicts, weapons proliferation, environmental degradation, movement for political integration and autonomy, the AIDS crisis).

COURSE OF STUDY
Students electing the Global Studies major are required to declare a primary major before they declare a Global Studies major. No more than two courses (8 semester hours) can be taken in any one discipline to fulfill the requirements for the issue concentration for the Global Studies major. In addition, students may not apply more than two courses (8 semester hours) from all other major or minors.

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COURSE OF STUDY
Students electing the Global Studies major are required to declare a minor or major in another discipline. No more than two courses (8 semester hours) can be taken in any one discipline to fulfill the requirements for the issue concentration for the Global Studies major. In addition, students may not apply more than two courses (8 semester hours) from all other major or minors.

OLD
BACHELOR OF ARTS DEGREE
Major in Global Studies
32 semester hours

Global Studies Core
16 semester hours

- ANTH/HIST/POLS 210: Global Perspectives: The World in Change (4)
- Select two courses from the following:
  - ANTH 102: Intro to Human Cultural Diversity (4)
  - ECON 111: Principles of Microeconomics: Global and Environmental (4)
  - HIST 215: Modern World History (4)
- GLST 499: Capstone: Research Seminar (4)

Issue Area Concentrations
16 semester hours

- Four courses must be taken from one of the five concentrations outlined below. At least three of the four courses counted toward a concentration must be at the 300 level or higher.
Language
- Students must demonstrate proficiency in a language relevant to their coursework and at a level consistent with Option 1 of the College of Arts and Sciences foreign language requirement. This may be accomplished through a proficiency examination or through the equivalent of 16 semester hours of coursework.

Off-Campus Study Component
- Majors are required to participate in an off-campus study program. While off campus, students must earn eight semester hours of credit related to the global studies core or the student’s global studies concentration. At least four credits must be related directly to the student’s global studies concentration. For example, this study away requirement could be met by taking two appropriate J-term courses, or by eight semester hours of appropriate coursework taken during a semester away. Language study coursework does not necessarily count for this requirement; coursework must deal with the contemporary world and its issues. Obtaining pre-approval for credit is encouraged. Local internships related to an area concentration and involving a cross-cultural setting may be allowed. The Global Studies chair must approve exceptions.

Senior Research Project
- The senior project is a general university requirement in all programs and majors. Students satisfy this requirement by completing a research project or paper in GLST 499.

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BACHELOR OF ARTS DEGREE
Major in Global Studies
32 semester hours

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16 semester hours

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  - ECON 111: Principles of Microeconomics: Global and Environmental (4)
  - HIST 215: Modern World History (4)
- **GLST 499: Capstone: Research Seminar (4)**

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OLD CONCENTRATIONS*

Development and Social Justice

- ECON 333: Economic Development: Comparative Third World Strategies (4)
- ENGL 216: Topics in Literature: Emphasis on Cross-Cultural Perspectives (4)
- ENGL 233: Post-Colonial Literature (4)
- HISP 301: Hispanic Voices for Social Change *(when approved by the GLST chair)* (4)
- HISP 322: Latin American Culture and Civilization (4)
- HIST 335: History of the Caribbean (4)
- HIST 340: Modern Japan (4)
- POLS 380: Politics of Global Development (4)
- RELI 227: Christian Theology *(When topic is: Theology of Liberation and Democracy)*
- SOCW 325: Social, Educational and Health Services in Tobago

NEW CONCENTRATIONS*

Development and Social Justice

**Required of all students in this concentration: GLST 380: Global Development (4)**

Other Offerings:

- ECON 333: Economic Development: Comparative Third World Strategies (4)
- ENGL 216: Topics in Literature: Emphasis on Cross-Cultural Perspectives (4)
- ENGL 233: Post-Colonial Literature (4)
- HISP 301: Hispanic Voices for Social Change *(when approved by the GLST chair)* (4)
- HISP 322: Latin American Culture and Civilization (4)
- HIST 335: History of the Caribbean (4)
- HIST 340: Modern Japan (4)
- RELI 227: Christian Theology *(When topic is: Theology of Liberation and Democracy)*
- SCAN 363: Culture, Gender and the Wild (4)
- SOCW 325: Social, Educational and Health Services in Tobago
OLD
Responses to International Violence and Conflict

- ANTH 376: Nation, State, and Citizen (4)
- COMA 304: Intercultural Communication (4)
- COMA 340: Conflict and Communication (4)
- ENGL 216: Topics in Literature: Emphasis on Cross Cultural Perspectives (4)
- GLST/POLS 331: International Relations (4)
- POLS 332: International Conflict Resolution (4)
- GLST/POLS 431: Advanced International Relations (4)

NEW
(Deleted)

OLD
World Health

- ANTH 380: Sickness, Madness, and Health (4)
- ECON 323: Health Economics (4)
- PHED 362: Healing Arts of the Mind and Body (4)
- PSYC 335: Cultural Psychology (4)
- RELI 230: Religion and Culture (When the topic is “Religion, Healing, and the Body”) (4)
- SOCW 325: Social, Educational and Health Services in Tobago (4)

NEW
(Deleted)

OLD
Globalization and Trade

- BUSA 201: Intro to Business in the Global Environment (4)
- BUSA 352: Global Management (3)
- BUSA 460: International Marketing (4)
- COMA 393: Communication Abroad (4)
- ECON 331: International Economics (4)
- POLS 347: Political Economy (4)
- POLS 381: Comparative Legal Systems (4)
- POLS/GLST 383: Modern European Politics (4)

NEW
(Deleted)

OLD
Transnational Movements and Cultural Diversity

- ANTH 330: Native North Americans (4)
- ANTH 340: The Anthropology of Africa (4)
NEW
Transnational Interaction, Integration, and Diversity

Description: A major feature of globalization is an increase in both the scale and frequency of the cross-border movement of peoples (as economic migrants, as refugees from conflicts or natural disasters, or as asylum-seekers) and ideas (the spread of ideologies, religions, and outlooks). This concentration comprises interdisciplinary perspectives on the political, economic, social, and cultural impacts of this increased mobility for the places of origin and destination, and for the ways ideas are formed and changed.

Required of all students in this concentration: POLS/SCAN 322: Scandinavia and World Issues (4) or HISP 341: The Latino Experiences in the U.S. (4)

Other Offerings:

- ANTH 330: Native North Americans (4)
- ANTH 336: Peoples of Latin America (4)
- ANTH 340: The Anthropology of Africa (4)
- ANTH 342: Pacific Island Cultures (4)
- ANTH 343: East Asian Cultures
- ENGL 216: Topics in Literature: Emphasis on Cross-Cultural Perspectives (4)
- ENGL 343: Post-Colonial Literature and Theory (4)
- FREN 301: Composition and Conversation (When approved by GLST chair) (4)
- GERM 301: Composition and Conversation (When approved by GLST chair) (4)
- HISP 341: The Latino Experiences in the U.S. (4)
- HIST 344: The Andes in Latin American History (4)
- NORW 301: Conversation and Composition (4)
- RELI 227: Christian Theology (When the topic is “Theologies of Liberation and Democracy”) (4)
- RELI 236: Native American Religious Traditions (4)
- SOCW 325: Social, Educational and Health Services in Tobago (4)
NEW
International Affairs

Description: International Affairs have increasingly become understood through interdisciplinary explorations. Diplomacy and political relations require understanding not just of political relationships, but also of economic interactions. Conflict resolution at both domestic (such as in Rwanda) and international (such as between Israel and Palestine) levels requires diplomacy, but also deep cultural understandings. This concentration is designed to provide students with the foundations to build a comprehensive and nuanced understanding of International Affairs.

Required of all students in this concentration: GLST 331: International Relations

Other Offerings:

- GLST 325: Global Political Thought (4)
- GLST 380: Global Development (4)
- GLST 431: Advanced International Relations (4)
- ANTH 355: Anthropology and Media (4)
- ANTH 376: Nation, State, and Citizen (4)
- BUSA 337: International Finance and Risk Management (4)
- BUSA 460: International Marketing (4)
- COMA 304: Intercultural Communication (4)
- COMA 340: Conflict and Communication (4)
- ECON 331: International Trade and Commercial Policy (4)
- ECON 333: Economic Development: Comparative Third World Strategies (4)
- ECON 335: European Economic Integration (4)
- POLS/SCAN 322: Scandinavia in the World (4)

OLD
MINOR
20 semester hours

- ANTH/HIST/POLS 210: Global Perspectives – The World in Change (4)
- Select one course from the following:
  - ANTH 102: Intro to Human Cultural Diversity (4)
  - ECON 111: Principles of Microeconomics: Global and Environmental (4)
  - HIST 215: Modern World History (4)
- Three courses in one concentration, at least two must be at the 300 level or higher.
Students must take one semester of 200-level college coursework in a foreign language or demonstrate equivalent proficiency.

Students must take at least 4 semester hours of study away coursework related to the contemporary world and its issues. For example, one appropriate January Term (J-Term) course that would apply toward the student’s concentration.

NEW MINOR
20 semester hours

- GLST/ANTH/HIST 210: Global Perspectives – The World in Change (4)
- Select one course from the following:
  - ANTH 102: Intro to Human Cultural Diversity (4)
  - ECON 111: Principles of Microeconomics: Global and Environmental (4)
  - HIST 215: Modern World History (4)
- Three courses in one concentration, at least two must be at the 300 level or higher.

Students must take one semester of 200-level college coursework in a foreign language or demonstrate equivalent proficiency.

Students must take at least 4 semester hours of study away coursework related to the contemporary world and its issues. For example, one appropriate January Term (J-Term) course that would apply toward the student’s concentration.

POLITICAL SCIENCE
POLS, department name change and curricular revisions, Type 4, beginning Summer/Fall 2015

Catalog section: Undergraduate Courses and Curricula Information/Political Science
(catalog section changing to Politics & Government as part of proposal)

OLD Political Science

There are no prerequisites for political science courses, except as noted. Prior consultation with the instructor of any advanced course is invited. Students wishing to pursue a major or minor in political science are requested to declare the major or minor with the department chair as soon as possible.

All political science courses must be completed with a grade of C- or better.

NEW Politics & Government
Prerequisites, when required, are listed in the individual course descriptions. Prior consultation with the instructor of any advanced course is invited. Students wishing to pursue a major or minor in politics & government are requested to declare the major or minor with the department chair as soon as possible.

All politics & government courses must be completed with a grade of C- or better.
OLD
BACHELOR OF ARTS DEGREE
Major in Political Science
36 semester hours

Required Courses
16 semester hours

- POLS 151, 304, 325, 499

Distributional Requirement
8 semester hours

- One course from Group A and Group B
  - Group A: American Government and Public Policy
  - Group B: International Relations and Comparative Government
    - POLS 331, 332, 347, 380, 381, 383, 384, 385, 386, 431

- Research and Writing Requirement
  - 4 semester hours
    - One 300-level course designated as an “intensive writing course” indicating that it has a substantial research/writing component. Courses that qualify in Group A are: POLS 345, 346, 353, 354, 361, 372 and 373. Courses in Group B are: POLS 326, 331, 332, 380, 384 and 385.

- Electives
- Minimum of 12 semester hours selected from the Political Science curriculum

Majors should plan their course of study in consultation with their departmental advisor.

NEW
BACHELOR OF ARTS DEGREE
Major in Politics & Government: 32 semester hours

Required Courses: 16 semester hours

- POLS 151, a second 100 or 200 level POLS course, 325, 499

Distributional Requirement: 8 semester hours

- One course from Group A and Group B
  - Group A: American Government and Public Policy
  - Group B: International Relations and Comparative Government
    - POLS 331, 332, 347, 380, 381, 383, 384, 385, 386, 431
    - GLST 331, 380, 383, 384, 385, 431
Research and Writing Requirement
- One 300-level course designated as an “intensive writing course” indicating that it has a substantial research/writing component. Courses that qualify in Group A are: POLS 345, 353, 354, 361, 372 and 373. Courses in Group B are: POLS 331, 332, 380, 384, 385, GLST 331, 380, 383, 384, and 385.

Electives
- Minimum of 8 semester hours selected from the Politics & Government curriculum, or from GLST 210, 331, 380, 383, 384, 385, 431.

Majors should plan their course of study in consultation with their departmental advisor.

OLD
MINOR
Minimum of 20 semester hours, including POLS 151
Minor programs should be planned in consultation with the departmental chair or a designated adviser.

Concurrent Attainment
No more than 8 semester hours taken to satisfy other major or minor requirements may also be applied to the political science major. No more than 4 such semester hours may also be applied to the political science minor.

Residency
A minimum of 12 semester hours for the major and 8 semester hours for the minor must be taken in residence at PLU.

NEW
MINOR
Minimum of 20 semester hours, including POLS 151
Minor programs should be planned in consultation with the departmental chair or a designated adviser.

Residency
A minimum of 12 semester hours for the major and 8 semester hours for the minor must be taken in residence at PLU.

OLD
MINOR IN PUBLIC AFFAIRS
24 semester hours, including POLS 345 (required) and 20 hours from economics, political science, sociology, or statistics

This minor offers an interdisciplinary study designed to support many major programs whose content has implications for public affairs and is particularly useful to students contemplating careers in public service or graduate study in public administration, public affairs, and related programs.

At least five additional courses from three of the following groups (courses which are taken as part of a major program may not also count toward the Public Affairs minor):

- Political Science
  Minimum of 8 semester hours if this minor is selected
  o POLS 151: American Government
  o POLS 354: State and Local Government
- **Economics**
  *Minimum of 8 semester hours if this minor is selected*
  - ECON 101, 102: Principles of Macroeconomics and Microeconomics (or ECON 111: Principles of Microeconomics: Global and Environmental)
  - ECON 321: Labor Economics
  - ECON 327: Public Finance
  - ECON 325: Industrial Organization and Public Policy

- **Sociology**
  *Minimum of 4 semester hours if this minor is selected*
  - SOCI 240: Social Problems
  - SOCI 413: Crime and Society

- **Statistics**
  *Minimum of 4 semester hours if this minor is selected*
  - STAT 231: Introductory Statistics

On approval by the Public Affairs advisor, up to 8 semester hours may be earned through participation in an internship program as a substitute for courses listed above (except POLS 345). Internship opportunities are offered through several departments, and through the Cooperative Education Program, and provide students with actual work experience in diverse public and private agencies. Students interested in internships are urged to consult with their academic advisors and with intern faculty advisors at an early date.

Students interested in the Public Affairs minor should declare the minor in the Department of Political Science and consult with the department’s Public Affairs advisor.

**NEW MINOR IN PUBLIC AFFAIRS**
24 semester hours, including POLS 345 (required) and 20 hours from economics, politics & government, sociology, or statistics

This minor offers an interdisciplinary study designed to support many major programs whose content has implications for public affairs and is particularly useful to students contemplating careers in public service or graduate study in public administration, public affairs, and related programs.

At least five additional courses from three of the following groups (courses which are taken as part of a major program may not also count toward the Public Affairs minor):

- **Politics & Government**
  *Minimum of 8 semester hours if this minor is selected*
  - POLS 151: American Government
  - POLS 354: State and Local Government
  - POLS 363: Politics and the Media
  - POLS 364: The Legislative Process

- **Economics**
  *Minimum of 8 semester hours if this minor is selected*
- ECON 101, 102: Principles of Macroeconomics and Microeconomics (or ECON 111: Principles of Microeconomics: Global and Environmental)
- ECON 321: Labor Economics
- ECON 327: Public Finance
- ECON 325: Industrial Organization and Public Policy

- Sociology
  *Minimum of 4 semester hours if this minor is selected*
  - SOCI 240: Social Problems
  - SOCI 413: Crime and Society

- Statistics
  *Minimum of 4 semester hours if this minor is selected*
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On approval by the Public Affairs advisor, up to 8 semester hours may be earned through participation in an internship program as a substitute for courses listed above (except POLS 345). Internship opportunities are offered through several departments, and through the Cooperative Education Program, and provide students with actual work experience in diverse public and private agencies. Students interested in internships are urged to consult with their academic advisors and with intern faculty advisors at an early date.

Students interested in the Public Affairs minor should declare the minor in the Department of Politics & Government and consult with the department’s Public Affairs advisor.

**OLD**

MINOR IN CONFLICT RESOLUTION

*20 semester hours, including*

POLS 331, 332; COMA 340, 441, and 4 elective hours from POLS 210 or COMA 304 or another course selected in consultation with the minor’s faculty coordinator.

**NEW**

MINOR IN CONFLICT RESOLUTION

*20 semester hours, including*

POLS/GLST 331, POLS 332; COMA 340, 441, and 4 elective hours from POLS/GLST 210 or COMA 304 or another course selected in consultation with the minor’s faculty coordinator.

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**FOR INFORMATION ONLY**

**BUSINESS, SCHOOL OF**

BUSAta modify MBA course prerequisites, update catalog descriptions of the MBA, MSF and MSMR programs, Type 1, beginning Summer/Fall 2015
OLD
BUSA 519: Information Systems Management
Examines the strategic role of information technology and systems in enabling decision-making and organizational effectiveness for competitive advantage. Discusses a broad range of information management topics including business processes, IT architecture and infrastructure, IT governance, systems sourcing, database and data warehouse, business intelligence, IT project management, and information ethics. Prerequisites: BUSA 509, 511. (3)

NEW
BUSA 519: Information Systems Management
Examines the strategic role of information technology and systems in enabling decision-making and organizational effectiveness for competitive advantage. Discusses a broad range of information management topics including business processes, IT architecture and infrastructure, IT governance, systems sourcing, database and data warehouse, business intelligence, IT project management, and information ethics. (3)

OLD
BUSA 521: Supply Chain and Operations Management
Develops a managerial perspective on the role of manufacturing and service operations within the enterprise and in supply chains. Topics include process control, quality management, capacity planning, lean systems, inventory management, supply chain integration, global logistics and distributions, and resource planning. Prerequisites: BUSA 509, 511. (3)

NEW
BUSA 521: Supply Chain and Operations Management
Develops a managerial perspective on the role of manufacturing and service operations within the enterprise and in supply chains. Topics include process control, quality management, capacity planning, lean systems, inventory management, supply chain integration, global logistics and distributions, and resource planning. Prerequisite: BUSA 511. (3)

OLD
BUSA 523: Managing Innovation
The course applies a multidisciplinary approach to study the theories and practices of managing innovation for value creation and sustainable competitive advantage. The main focus is on fostering a culture of collaborative innovation and entrepreneurship, and building organizational capabilities to systematically explore and exploit innovation opportunities, and to cope with the challenge of disruptive innovation and change. Prerequisites: BUSA 509, 510, 511, 513, 515, 517; and BUSA 522 or ECON 520. (3)

NEW
BUSA 523: Managing Innovation
The course applies a multidisciplinary approach to study the theories and practices of managing innovation for value creation and sustainable competitive advantage. The main focus is on fostering a culture of collaborative innovation and entrepreneurship, and building organizational capabilities to systematically explore and exploit innovation opportunities, and to cope with the challenge of disruptive innovation and change. Prerequisites: BUSA 515; and ECON 520 or successful completion or co-enrollment in BUSA 522. (3)

OLD
BUSA 555: Knowledge Management
Provides a global and holistic perspective for leveraging knowledge through the integration of organizational theory, people, business processes and technology. Provides an integrated approach in managing an enterprise’s intellectual capital. Examines the implementation of knowledge management in business and nonprofit organizations. Prerequisite: BUSA 509 or 515. (3)

NEW
BUSA 555: Knowledge Management
Provides a global and holistic perspective for leveraging knowledge through the integration of organizational theory, people, business processes and technology. Provides an integrated approach in managing an enterprise’s intellectual capital. Examines the implementation of knowledge management in business and nonprofit organizations. (3)

OLD
BUSA 590: Strategic Management in a Global Context
Integrate the disciplinary foundations of business through a capstone project plus further development of quantitative and strategic analysis skills. Explore execution of business- and corporate-level strategies such as cost-leadership, diversification, alliances, and M&A to generate competitive advantage.
Prerequisites: BUSA 509, 510, 513, 515, 517, 519, 521, and BUSA 522 or ECON 520. (3)

NEW
BUSA 590: Strategic Management in a Global Context
Integrate the disciplinary foundations of business through a capstone project plus further development of quantitative and strategic analysis skills. Explore execution of business- and corporate-level strategies such as cost-leadership, diversification, alliances, and M&A to generate competitive advantage.
Prerequisites: BUSA 509, 510, 513, 515, 517, and BUSA 522 or ECON 520, and successful completion or co-enrollment in BUSA 519 and 521. (3)

Catalog Updates

Section: Graduate Courses and Degrees/Master of Business Administration (M.B.A.)

OLD
ADMISSION

The PLU M.B.A. program is competitive. Selection is based on several criteria including work experience and potential contribution to the classroom experience. The Graduate Admission Committee bases decisions on a holistic assessment of the individual merits of each applicant. For questions regarding admission to the M.B.A. program, contact the M.B.A. director at 253.535.7330.

NEW
ADMISSION

The PLU M.B.A. program is competitive. Selection is based on several criteria including work experience and potential contribution to the classroom experience. The Graduate Admission Committee bases decisions on a holistic assessment of the individual merits of each applicant. For questions regarding admission to the M.B.A. program, contact the M.B.A. director at 253.535.7252.
OLD
International applicants must also submit:

- TOEFL or IELTS score report
- I-20 Evaluation Documents
- Declaration of Finances

NEW
International applicants must also submit:

- TOEFL or IELTS score report, **determination of English proficiency is at the sole discretion of PLU**
- I-20 Evaluation Documents
- Declaration of Finances

*Section: Graduate Courses and Degrees/Master of Science in Finance (M.S.F.)*

OLD
International Students must also submit:

- TOEFL or IELTS score report
- I-20 Evaluation Documents
- Declaration of Finances

NEW
International Students must also submit:

- TOEFL or IELTS score report, **determination of English proficiency is at the sole discretion of PLU**
- I-20 Evaluation Documents
- Declaration of Finances

*Section: Graduate Courses and Degrees/Master of Science in Marketing Research (M.S.M.R.)*

OLD
ADMISSION

The PLU M.S.M.R. program is competitive. Selection is based on several criteria including quantitative ability and potential contribution to the classroom experience. The Graduate Admission Committee bases decisions on a holistic assessment of the individual merits of each applicant. For questions regarding admission to the M.S.M.R. program, contact the M.S.M.R. director at **253.535.7244**.

NEW
ADMISSION

The PLU M.S.M.R. program is competitive. Selection is based on several criteria including quantitative ability and potential contribution to the classroom experience. The Graduate Admission Committee bases decisions on a holistic assessment of the individual merits of each applicant. For questions regarding admission to the M.S.M.R. program, contact the M.S.M.R. director at **253.535.7445**.
OLD
To apply submit the following:

- The PLU graduate application is available online at www.plu.edu/msmr.
- A current résumé detailing work experience and community service
- All official transcripts from higher education institutions
- Statement of Professional Goals, including explanation of quantitative skills
- Official Graduate Management Assessment Test (GMAT) or Graduate Record Exam (GRE) (GMAT/GRE waiver may be available, contact the program director)
- Two letters of recommendation
- $40 Application Fee

NEW
To apply submit the following:

- The PLU graduate application is available online at www.plu.edu/msmr.
- A current résumé detailing work experience and community service
- All official transcripts from higher education institutions
- Statement of Professional Goals, including explanation of quantitative skills
- Official Graduate Management Assessment Test (GMAT) or Graduate Record Exam (GRE) (GMAT/GRE waiver may be available, contact the program director)
- Two letters of recommendation
- $40 Application Fee

OLD
International applications must also submit:

- TOEFL or IELTS score report
- I-20 Evaluation Documents
- Declaration of Finances

NEW
International applications must also submit:

- TOEFL or IELTS score report, **determination of English proficiency is at the sole discretion of PLU**
- I-20 Evaluation Documents
- Declaration of Finances

COMMUNICATION AND THEATRE
COMA, course title, description, prerequisite changes, Type 1, beginning Summer/Fall 2015

OLD
COMA 495: Internship
The internship experience is designed to combine classroom theory with practical application through job-related experiences. (1-12)

NEW
COMA 495: **Required** Internship
Fulfills the internship requirement for Communication majors with concentrations in Journalism, Public Relations & Advertising, and Conflict and Global Peacebuilding. The course meets formally to combine communication theory, career development skills and practical application through job-related experiences. **Pre-requisite:** COMA 399 (1 to 12)

**EDUCATION**
EDUC, new special topics course, Type 2, beginning Spring 2015

**NEW**
EDUC 287: Peer Education Training
This course is intended for students wishing to join PLU’s Sexual Awareness and Personal Empowerment Team (SAPET) or become a peer health educator working with the PLU Health Center. During the course, students will learn about the dynamics and value of peer education, best practice for social justice and social change, effective presentation skills, and intersectional identities. Students who choose to participate in SAPET will also learn about the social construction of gender, rape culture, and healthy relationships, among other topics covered by SAPET presentations. Students who choose to become peer health educators will learn health promotion theory and practices. At the end of this course, students will be able to facilitate SAPET or health education presentations throughout the PLU community. (1)

**HISTORY**
HIST, change course titles & course number, Type 1, beginning Summer/Fall 2015.

**OLD**
HIST 287: Special Topics in History
HIST 288: Special Topics in History
HIST 387: Special Topics in History
HIST 388: Special Topics in History
HIST 460: History of the Western and Pacific Northwest U.S.

**NEW**
HIST 287: Special Topics in U.S. History
HIST 288: Special Topics in **European** History
HIST 387: Special Topics in U.S. History
HIST 388: Special Topics in **European** History
HIST 351: History of the Western and Pacific Northwest U.S.

**LANGUAGES AND LITERATURES**
LANG, catalog correction, Type 1

Section: Undergraduate Courses and Curricula Information/Languages and Literatures/Courses that meet General Education (GenEd) Program Elements/Perspectives on Diversity: Cross-Cultural Perspectives – C

**OLD**
All language courses numbered 201 and above including CHIN 371, FREN 341, and LANG 272 meet this requirement. All first-year (100-level) foreign language courses (excluding American Sign Language) not previously studied also meet this requirement.
NEW
The Cross-Cultural Perspectives element may be fulfilled by a foreign language course numbered 201 or above (not sign language) used to satisfy the entrance requirement, or completion through the first year of college level of a foreign language (not sign language) other than that used to satisfy the foreign language entrance requirement.

REGISTRAR
REGI, catalog correction to align with current practice, Type 1

Section: Undergraduate Academic Policies and Procedures/Graduation and Commencement/Graduation Application Deadlines

OLD
Students who plan to transfer back to Pacific Lutheran University for a degree must apply for graduation before or during the first semester of their junior year so that deficiencies may be met before they leave campus.

NEW
(Deleted)

SOCIOLOGY AND SOCIAL WORK
SOCI/SOCW, change course title and catalog description, Type 1

OLD
STAT 233: Introductory Statistics for Sociology Majors – MR
Descriptive statistics: measures of central tendency and dispersion. Inferential statistics: generalizations about populations from samples by parametric and nonparametric techniques. Methods covered will include estimation, hypothesis testing, correlation analysis, regression, chi square, and ANOVA analysis. Includes a required computer lab. Students should register for the lab corresponding to their lecture section. This section is intended for Sociology majors. Prerequisite: SOCI 101 or equivalent. (4)

NEW
STAT 233: Introductory Statistics for Sociology and Social Work Majors – MR
Shortened Banner title: Statistics for SOCI & SOCW-MR

Descriptive statistics: measures of central tendency and dispersion. Inferential statistics: generalizations about populations from samples by parametric and nonparametric techniques. Methods covered will include estimation, hypothesis testing, correlation analysis, regression, chi square, and ANOVA analysis. Includes a required computer lab. Students should register for the lab corresponding to their lecture section. This section is intended for Sociology and Social Work majors. Prerequisite: SOCI 101 or equivalent. (4)