

**Cal Poly Pomona 2019-2020**  
**SUMMARY OF CURRICULAR CHANGES**

**Legend**

**PREFIX#** = Course Number; **TITLE** = Course title or title change; **NEW** = New Course; **REV** = Revised Courses that have undergone substantial changes; **DEL** = Deletion; **UNITS/UNIT CHANGES** = Unit value or change in units; **COMMENTS**= Include brief comments; **EFFECTIVE DATE** = Date course first offered on campus or placed in catalog, whichever is earlier.

PREFIX	#	TITLE/TITLE CHANGE	NEW	REV	DEL	UNITS/ UNIT CHANGE	COMMENTS	EFFECTIVE DATE
AHS	1104	Orientation and Careers in Animal Health Science		X		2	was 1 unit	F19
AMM	2140	Basic Patternmaking and Apparel Construction	X			1		F19
AMM	2140L	Basic Patternmaking and Apparel Construction Lab	X			2		F19
AMM	2150	Apparel/Textile Sustainability	X			3		F19
AMM	2480	Focus on the Future: Leadership Skills for the 21st Century		X		3	was AG 2480	F19
AVS	1112	Food Animal Production		X		3	was 2 units	F19
AVS	1113	Companion, Laboratory and Exotic Animal Care		X		3	was 2 units	F19
CHE	1430L	Intro to Chemical and Materials Engineering Experiments Lab	X			1		F19
CS	1260	Python for Beginners	X			3		F19
CS	2520	Python for Programmers	X			3		F19
GSC	1010	Planet Earth: A Citizen's Guide		X		2	was 1 unit	F19
GSC	1010A	Planet Earth: A Citizen's Guide Activity		X		1	was 2 units	F19
LIB	1500	Information Literacy for the Digital Age		X		3	title change	F19
MAT	1050	College Algebra		X		3	approved for GE B4 (prior to F18, quarter version of MAT 105 does not satisfy GE B4)	F18
MAT	1050A	College Algebra Activity	X			1		F19
MAT	1060A	Trigonometry Activity	X			1		F19
MAT	1070	Precalculus	X			5		F19
MAT	1250A	Introductory Calculus for Business Activity	X			1		F19
MAT	1910A	Survey of Mathematics Activity	X			1		F19
PLT	2410	Sports and Urban Turfgrass Management	X			2		F19
PLT	2410L	Sports and Urban Turfgrass Management Laboratory	X			1		F19
PSY	2230	Positive Psychology: the Science of the Good Life	X			3		F19
STA	1200A	Statistics with Applications Activity	X			1		F19
STA	1300A	Biostatistics Activity	X			1		F19
TH	1250	Introduction to Acting		X		2	was 3 units	F19
TH	1250A	Introduction to Acting Activity	X			1		F19

**Cal Poly Pomona 2019-2020**  
**SUMMARY OF CURRICULAR CHANGES**  
**Changes in Majors**

**Apparel Merchandising and Management B.S. (All Options)**

Added AG 1010, AMM 1080 or AMM 1200 or AMM 2450, AMM 2140/L, CHM 1010/L or CHM 1210/L or PHY 1020

**Apparel Merchandising and Management B.S. - Apparel Production and Management Option**

Added AMM 2150 to *Global Fashion Management Emphasis*

**Apparel Merchandising and Management, B.S. - Fashion Retailing Option**

Added AMM 2700/A to *Option Required*

**Agribusiness and Food Industry Management, B.S.**

Removed ABM 2260

Added AGS 1000

**Biology, B.S.**

Added "ENG 2105 or [PHL 2020](#)," "MAT 1200 or [MAT 1140](#)" to *Major Required* and BIO 2070/L to *Emphasis Electives*

Removed NTR 2030, PSY 2201 from *Major Required*

**Biotechnology, B.S.**

Added "ENG 2105 or [PHL 2020](#)," "MAT 1200 or [MAT 1140](#)" to *Major Required*

Removed NTR 2030, PSY 2201 from *Major Required*

**Civil Engineering, B.S. - Environmental Engineering Option**

Removed BIO 1110 and EGR 1000/L from *Major Required*

Removed BIO 2060/L from *Option Required*

**Civil Engineering, B.S. - General Civil Engineering Option**

Removed BIO 1110 and EGR 1000/L from *Major Required*

**Civil Engineering, B.S. - Geospatial Engineering Option**

Removed BIO 1110 and EGR 1000/L from *Major Required*

**Computer Engineering, B.S.**

Added CHM 1150 to *Major Required* (Note: CHM 1210 is an acceptable substitute for CHM 1150)

**Computer Science, B.S.**

Added CS 2520 to *Major Required Electives*

**Cal Poly Pomona 2019-2020**  
**SUMMARY OF CURRICULAR CHANGES**  
**Changes in Majors (Cont'd)**

**Construction Engineering and Management, B.S.**

Removed EGR 1000/L from *Major Required*  
Added CE 2021 to *Major Required Electives*

**Criminology B.A. (New!)**

Formerly Sociology B.A. (Option in Criminology)

**Electrical Engineering, B.S.**

Added CHM 1150 to *Major Required* (Note: CHM 1210 is an acceptable substitute for CHM 1150)

**Electromechanical Systems Engineering Technology, B.S.**

Added CHM 1150 to *Major Required* (Note: CHM 1210 is an acceptable substitute for CHM 1150)  
Added MFE 1260/L and MFE 2010/L to *Major Required*

**English, B.A. - Applied Language Studies Option**

Added LIB 1500 to *Major Option Required*

**Environmental Biology, B.S.**

Added "ENG 2105 or [PHL 2020](#)" to *Major Required*  
Removed "NTR 2030 or PSY 2201" from *Major Required*

**Gender, Ethnicity, and Multicultural Studies, B.A. - GEMS Option**

Added Headers for course groupings: *Historical Content, Contemporary Issues, Humanities, Global/Diaspora, Gender/Sexuality*

**Kinesiology, B.S. - Pedagogical Kinesiology Option**

Removed PHY 1020 from *Major Option Required*

**Liberal Studies, B.A. - General Studies Option**

Removed STA 2100 from *Pre-Professional Emphasis*  
Added STA 1200 to *Pre-Professional Emphasis*

**Mathematics, B.S. - Applied Mathematics/Statistics Option**

Removed BIO 1210/L from *Major Required*

**Mathematics, B.S. - Secondary Teacher Prep/Pure Mathematics Option**

Removed BIO 1210/L from *Major Required*

**Cal Poly Pomona 2019-2020**  
**SUMMARY OF CURRICULAR CHANGES**  
**Changes in Majors (Cont'd)**

**Music, B.A. - General Option**

Moved MU 1090 and MU 2281 from *Major Option Required* to *Major Required*  
Added MU 2610 to selection of courses for *Music Electives*

**Music, B.A. - Music Education (Pre-Credential) Option**

*Admissions suspended to this program. Students interested in teaching music should pursue the Bachelor of Music (Pre-Credential Option).*

**Music, B.A. - Music Industry Studies Option**

Moved MU 1090 and MU 2281 from *Major Option Required* to *Major Required*

**Music, B.M. - Composition Option (New!)**

**Music, B.M. - Pedagogy (Pre-credential) Option (New!)**

**Music, B.M. - Performance Option (New!)**

**Theatre, B.A. - Acting Option**

Moved TH 1510/L from *Major Option Required* to *Major Required*

**Theatre, B.A. - Dance Theatre Option**

Moved TH 1510/L from *Major Option Required* to *Major Required*

**Theatre, B.A. - Design and Technical Production Option**

Added TH 1510/L to *Major Required*  
Added TH 2030 and TH 2610 to *Major Option Required*  
Removed TH 2330 from *Major Option Required*

**Theatre, B.A. - General Theatre Option**

Moved TH 1510/L from *Major Option Required* to *Major Required*  
Added DAN 2020 to *Major Option Required*

**Theatre, B.A. - Theatre in Education and Community Engagement Option**

Moved TH 1510/L from *Major Option Required* to *Major Required*  
Added DAN 2020 to *Major Option Required*

**Urban and Regional Planning, B.S. - Community Development and Social Justice Option**

Added EC 2201 and STA 1200 to *Major Required*

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**SUMMARY OF CURRICULAR CHANGES**  
**Changes in Majors (Cont'd)**

**Urban and Regional Planning, B.S. - Infrastructure and Transportation Option**

Added EC 2201 and STA 1200 to *Major Required*

**Urban and Regional Planning, B.S. - Resiliency, Sustainability and the Environment Option**

Added EC 2201 and STA 1200 to *Major Required*

**Urban and Regional Planning, B.S. - Urban Design Option**

Added EC 2201 and STA 1200 to *Major Required*

**Course Descriptions for New Courses**

**AMM 2140 - Basic Patternmaking and Apparel Construction (1)**

Drafting basic pattern blocks for standardized dress forms. Introduction to pattern making through the flat pattern design method for ready to wear (RTW) garments. Basic clothing construction techniques used in the apparel industry. Appropriate methods for quality construction using knit and woven fabric. Construction of basic pattern blocks and selected samples using industrial equipment. Analysis of fit problems and solutions for RTW garments.

Corequisite(s): AMM 2140L.

Component(s): Lecture

Grading Basis: Graded Only

**AMM 2140L - Basic Patternmaking and Apparel Construction Laboratory (2)**

Drafting basic pattern blocks for standardized dress forms. Introduction to pattern making through the flat pattern design method for ready to wear (RTW) garments. Basic clothing construction techniques used in the apparel industry. Appropriate methods for quality construction using knit and woven fabric. Construction of basic pattern blocks and selected samples using industrial equipment. Analysis of fit problems and solutions for RTW garments.

Corequisite(s): AMM 2140.

Component(s): Laboratory

Grading Basis: Graded Only

**Cal Poly Pomona 2019-2020**  
**SUMMARY OF CURRICULAR CHANGES**  
**Course Descriptions for New Courses (Cont'd)**

**AMM 2150 - Apparel/Textile Sustainability (3)**

The impact of apparel, textile and footwear production and consumption on the environment. Exploration of prospects for a more environmentally responsible approach to design, production, distribution, consumption, and post-consumer recycling.

Component(s): Lecture

Contact Hour(s): 3 hours lecture.

Grading Basis: Graded Only

Repeat for Credit: May be taken only once

**CHE 1430L - Introduction to Chemical and Materials Engineering Experiments Laboratory (1)**

Introduction to the use of instrumentation to monitor Chemical and Materials Engineering processes. Measurement of the properties of materials. Introduction to design of experiments.

Prerequisite(s): ENG 1103, ENG 1101, ENG 103, ENG 104, ENG 107, ENG 109, IGE 1100, IGE 1200, or ENG 110; and C- or better in CHE 1311 and CHE 1411L.

Component(s): Laboratory

Grading Basis: Graded Only

Repeat for Credit: May be taken only once

**CS 1260 - Python for Beginners (3)**

Basic concepts of computer software and programming. Data types, expressions, control structures, functions, file and stream I/O. Use of pointers and dynamic storage allocation. Structured and abstract data types. Problem-solving techniques.

Prerequisite(s): C or better in MAT 105/MAT 1050 and MAT 106/MAT 1060; or MAT 112, MAT 114, MAT 115, MAT 116, MAT 214, MAT 215, MAT 216, MAT 1140, MAT 1140C, MAT 1150, MAT 1150C, MAT 2140, or MAT 2140C.

Component(s): Lecture

Grading Basis: Graded Only

Repeat for Credit: May be taken only once

Note(s): Cannot be used for CS elective credit.

**Cal Poly Pomona 2019-2020**  
**SUMMARY OF CURRICULAR CHANGES**  
**Course Descriptions for New Courses (Cont'd)**

**CS 2520 - Python for Programmers (3)**

Python basics. Data structures and control structures. Functions and functional forms. Objects, classes, inheritance, and polymorphism. I/O and exceptions. Advanced features.

Prerequisite(s): C or better in CS 141, CS 1400, CS 128, or CS 1280.

Component(s): Lecture

Grading Basis: Graded Only

Repeat for Credit: May be taken only once

**MAT 1070 - Precalculus (5)**

Basic concepts of trigonometry and algebra including the theory of real-valued functions, the unit circle, equations and inequalities, absolute value, and graphing. Emphasis on power functions, polynomials, rational functions, exponential functions, trigonometric functions, piecewise functions, and their inverses. Applications of trigonometry and algebra.

Prerequisite(s): Science or Engineering major and ALEKS  $\geq 53$ .

Component(s): Lecture

Grading Basis: Graded Only

Repeat for Credit: May be taken only once

**PLT 2410 - Sports and Urban Turfgrass Management (2)**

Management of turfgrasses in sports and urban areas along with the focus on learning equipment techniques and providing learn-by doing opportunities at on-campus turf facility.

Prerequisite(s): PLT 2400 and PLT 2400L.

Corequisite(s): PLT 2410L.

Component(s): Lecture

Grading Basis: Graded Only

Repeat for Credit: May be taken only once

**Cal Poly Pomona 2019-2020**  
**SUMMARY OF CURRICULAR CHANGES**  
**Course Descriptions for New Courses (Cont'd)**

**PLT 2410L - Sports and Urban Turfgrass Management Laboratory (1)**

Management of turfgrasses in sports and urban areas along with the focus on learning equipment techniques and providing learn-by doing opportunities at on-campus turf facility.

Prerequisite(s): PLT 2400 and PLT 2400L.

Corequisite(s): PLT 2410.

Component(s): Laboratory

Grading Basis: Graded Only

Repeat for Credit: May be taken only once

**PSY 2230 - Positive Psychology: The Science of the Good Life (3)**

Positive Psychology is a relatively new sub-field of psychology that employs psychological science to form a scientific understanding of well-being and happiness and how we can actualize our highest potential. Topics cover psychological research and theory on character strengths, creativity, aesthetics, the good life, grit, excellence, flow, optimism, hope, mindfulness, search for meaning, authenticity, life enhancement strategies, positive emotions, love and positive relationships, prosocial behavior, positive education, work and communities.

GE Area(s): E

Component(s): Lecture

Grading Basis: Graded

Repeat for Credit: May be taken only once

**TH 1250 - Introduction to Acting (2)**

Introduction to theories and approaches to acting. Intensive exercises in improvisation, characterization, concentration and interpretation.

Corequisite(s): TH 1250A.

GE Area(s): C1

Component(s): Lecture

Grading Basis: Graded Only

Repeat for Credit: May be taken only once

When Offered: F,Sp



**Cal Poly Pomona 2019-2020**  
**SUMMARY OF CURRICULAR CHANGES**  
**Course Descriptions for New Courses (Cont'd)**

**TH 1250A - Introduction to Acting Activity (1)**

Introduction to theories and approaches to acting. Intensive exercises in improvisation, characterization, concentration and interpretation.

Corequisite(s): TH 1250.

GE Area(s): C1

Component(s): Activity

Grading Basis: Graded

Repeat for Credit: May be taken only once

When Offered: F,SP