

SUMMER SESSION

Below are the suggested courses selected by our Academic Advisers. This list represents good options for students taking their first classes at UCSC.

Starting March 15, course details, days/times, and other courses of interest can be found in the online *Class Search* (https://pisa.ucsc.edu/class_search/).

Summer Session**Session 1: June 24 – July 26**

Class ID	Class Title	GE	Notes, prerequisite info, etc.
AMS 5	Statistics	SR	5 credits.
AMS 7	Statistical Methods for the Biological, Environmental, & Health Sciences	SR	5 credits. Prereq: previous or concurrent enrollment in 7L
AMS 7L	Statistical Methods for the Biological, Environmental, & Health Sciences Laboratory		2 credits. Prereq: Previous or concurrent enrollment in 7
ANTH 1	Introduction to Biological Anthropology	SI	5 credits.
ART 20L	Intro to Drawing (Online)	PR-C	5 credits. Purchase of art supplies required.
ART 26	Intro to Printmaking	PR-C	5 credits. Prereq lifted for summer. Course materials fee.
ART 80T	Digital Tools for Contemporary Art Practice (Online)	PE-T	5 credits. Students should have basic computer literacy.
ART 105	Intro to 3D Printing, Laser Cutting, & More	PR-C	5 credits. Course materials fee.
ART 113	Illustrating Stories: Fantasy & Documentary Narratives	PR-C	5 credits.
ART 150	Darkroom Practices		5 credits. Prereq lifted for summer. Course materials fee
ART 183	Metal Fabrication		5 credits. For intermediate to advanced students. Prereq lifted for summer. Course materials fee
ARTG 80I	Foundations of Play	PE-H	5 credits. Course materials fee
BIOE 20C	Ecology & Evolution		5 credits
BIOL 20A	Cell and Molecular Biology		5 credits. Prereq: Chemistry 1A or a Chem AP score of 4+

SUMMER SESSION

Class ID	Class Title	GE	Notes, prerequisite info, etc.
CHEM 1A	General Chemistry	SI	5 credits. Prereq: Previous or concurrent enrollment in Math 3, or a math placement score of 300 or higher. (prereq lifted for visiting students). Taking the online chemistry self-assessment exam is strongly recommended.
CHEM 1B	General Chemistry		5 credits. Prereq: strong HS level chem and taking the online chem self-assessment are strongly recommended. Corresponding lab is CHEM 1M. (prereq lifted for visiting students)
CHEM 1M	General Chemistry Lab		2 credits. Prereq: previous or concurrent enrollment in course 1B (prereq lifted for visiting students). Course materials fee.
CMPM 80K	Foundations of Video Game Design	IM	5 credits. Programming experience is not required
COWL 52	Personal Finance and Investing (Online)		5 credits. Open to all students.
CRWN 80F	Science Fictions	TA	5 credits. Prereq: satisfaction of the Entry Level Writing and C1 requirements. Open to all students.
EART 3	Geology of National Parks (Online)	SI	5 credits. Appropriate for both science and non-science majors.
ECON 1	Intro to Microeconomics	PE-H	5 credits. Strong foundation in precalculus or higher recommended.
ECON 10A	Economics of Accounting 1 (Online)		5 credits.
ENVS 18	Natural History Illustration	PR-C	5 credits.
HIS 10B	United States History 1877-1977	ER	5 credits. Satisfies American History & Institutions requirements
HIS 60	Medical and Scientific Terminology (Online)	PE-T	5 credits.

SUMMER SESSION

Class ID	Class Title	GE	Notes, prerequisite info, etc.
HISC 800	Understanding Popular Music	IM	5 credits.
KRSG 12A	Service Learning	PR-S	3 credits. Open to all students.
KRSG 63	Kresge Garden Cooperative	PR-S	2 credits. Open to all students
KRSG 65W	Creative Writing	PR-C	2 credits. No previous creative writing experience required or expected. Open to all students.
LALS 1	Intro to Latin American & Latino Studies	ER	5 credits.
LALS 80P	Environment and Society in Latin America	PE-E	5 credits.
LING 53	Semantics 1	MF	5 credits.
MATH 3	Precalculus	MF	5 credits. Prereq: MATH 2 or mathematics placement (MP) score of 200 or higher (prereq lifted for visiting students)
MATH 11A	Calculus with Applications	MF	5 credits. Prereq: MATH 3 or AMS 3 or MP score of 300 or higher or AP CALC AB exam score of 3 or higher. (prereq lifted for visiting students)
MATH 19A	Calculus for Science, Math & Engineering (Online)	MF	5 credits. Prereq: MATH 3 or AMS 3 or MP score of 400 or higher or AP CALC AB score of 3 or higher. (prereq lifted for visiting students)
MATH 19B	Calculus for Science, Math & Engineering (Online)	MF	5 credits. Prereq: MATH 19A or 20A or AP CALC AB Exam of 4 or 5 or BC exam of 3 or higher or IB Math Higher Level exam of 5 or higher. (prereq lifted for visiting students)
MATH 21	Linear Algebra	MF	5 credits. Prereq: MATH 11A or 19A or 20A or AMS 11A or 15A. (prereq lifted for visiting students)

SUMMER SESSION

Class ID	Class Title	GE	Notes, prerequisite info, etc.
MATH 22	Intro to Calculus of Several Variables	MF	5 credits. Prereq: MATH 11B or 19B or 20B or AMS 15B or AP CALC BC exam score of 4 or 5. (prereq lifted for visiting students)
MATH 23A	Vector Calculus (Online)	MF	5 credits. Prereq: MATH 19B or 20B or AP CALC BC exam of 4 or 5. (prereq lifted for visiting students)
MUSC 5A	Beginning Javanese Gamelan [Ensemble]	PR-C	2 credits.
MUSC 81E	Music and Resistance in the Latin World	CC	5 credits.
OCEA 1	The Oceans	SI	5 credits.
OCEA 90	Fundamentals of Climate	SR	5 credits.
PHIL 11	Intro to Philosophy (Online)	TA	5 credits. Recommended completion of Entry Level Writing Requirement (ELWR).
POLI 65	Introduction to International Relations	CC	5 credits.
PRTR 41I	Improvisation	PR-C	5 credits. Open to all students. Students with little to no experience encouraged to enroll!
PSYC 1	Introduction to Psychology	PE-H	5 credits.
PSYC 20A	Cognition: Fundamental Theories		5 credits.
SOCY 3A	Evaluation & Evidence		5 credits.
SOCY 10	Issues and Problems in American Society		5 credits. Fulfills lower-division major requirement.
TIM 50	Business Information Systems		5 credits. Intended for TIM and BMEC majors.
THEA 14	Drawing	PR-C	5 credits. All experience levels welcome. Course materials fees.
THEA 20	Introductory Studies in Acting	IM	5 credits. Designed for students with little or no experience in acting.
THEA 61C	Birth of the Modern: Drama & Performance after the Renaissance	TA	5 credits. Recommended completion of Entry Level Writing Requirement (ELWR)

SUMMER SESSION

*Math courses require placement into the appropriate level; more information about math placement can be found at: <https://mathcoach.sites.ucsc.edu/>

Summer Session**Session 2: July 29 – August 30**

Class ID	Class Title	GE	Notes, prerequisite info, etc.
AMS 5	Statistics	SR	5 credits.
AMS 7	Statistical Methods for the Biological, Environmental, and Health Sciences	SR	5 credits. Concurrent enrollment in AMS 7L required.
AMS 7L	Statistical Methods for the Biological, Environmental, and Health Sciences Laboratory		2 credits. Concurrent enrollment in AMS 7 required.
ANTH 2	Intro to Cultural Anthropology	CC	5 credits. Required for all anthropology majors.
ANTH 3	Intro to Archeology	SI	5 credits.
ART 20J	Intro to Drawing & Painting	PR-C	5 credits. Prereq lifted for summer. Course materials fee
ART 105-02	Intro to 3D Printing, Laser Cutting, & More	PR-C	5 credits. Course materials fee
ART 106-O	2D Animation (Online)		5 credits.
ART 132	Figure Painting	PR-C	5 credits. Prereq lifted for summer. Course materials fee
ART 164A	Screenprinting		5 credits. Prereq lifted for summer. Course materials fee.
ARTG 91	Introduction to Game Art and World Building (Online)	PR-C	5 credits. This is a project-centered course.
BIOE 20B	Development and Physiological Biology		5 credits. Prereq: BIOL 20A
BME 80G	Bioethics in the 21 st Century	PE-T	5 credits. Science and non-science majors welcome. Also listed as PHIL 80G
CRSN 15A	STEM Essentials (Online)		2 credits. Open to all students.
CHEM 1C	General Chemistry		5 credits. Prereq: CHEM 1A. Concurrent enrollment in CHEM 1N required

SUMMER SESSION

Class ID	Class Title	GE	Notes, prerequisite info, etc.
CHEM 1N	General Chemistry Lab		2 credits. Concurrent enrollment in CHEM 1C required. Course materials fee.
CMMU 10	Intro to Community Activism		5 credits.
CMMU 30	Numbers for Social Justice	SR	5 credits.
CRES 10	Critical Race and Ethnic Studies: An introduction	ER	5 credits. Prereq: satisfaction of Composition requirement and Entry Level Writing Requirement (ELWR).
EART 11	Earthquakes (Online)	SI	5 credits. Advanced algebra and high school geometry recommended. Class includes one full day weekend field trip to local faults. Course materials fee.
ECON 2	Intro to Macroeconomics: Aggregate Eco. Activity	PE-H	5 credits. Strong foundation in precalculus or higher recommended.
ECON 10B	Economics of Accounting II (Online)		5 credits.
ENVS 15	Natural History of the UCSC Campus		2 credits. The majority of class time is spent outside. Course 24 recommended
ENVS 25	Environmental Policy & Economics	PE-E	5 credits.
ENVS 65	Intro to Fresh Water: Processes & Policy (Online)	PE-E	5 credits.
FILM 20A	Introduction to Film Studies		5 credits. Prereq lifted in summer. Course materials fee
FILM 20P	Introduction to Production Technique	PR-C	5 credits. Prereq lifted for summer. Course materials fee
HIS 10A	United States History to 1877	ER	5 credits. Satisfies American History & Institutions requirements
HIS 59	History of the English Language (Online)	SR	5 credits.
JAPN 1	Japanese: First Year		5 credits.

SUMMER SESSION

Class ID	Class Title	GE	Notes, prerequisite info, etc.
HISC 80S	War and Media	TA	5 credits. Recommended: completion of Entry Level Writing Requirement (ELWR)
LALS 75	Art & Social Change in Latin America (Online)		5 credits.
LING 50	Introduction to Linguistics	SI	5 credits.
LING 80K	Invented Languages (Online)	TA	5 credits. Recommended completion of Entry Level Writing Requirement (ELWR)
LIT 61U	Intro to Speculative Fiction (Online)	PE-T	5 credits.
MATH 3	Precalculus	MF	5 credits. Prereq: course 2 or mathematics placement (MP) score of 200 or higher
MATH 11B	Calculus with Applications	MF	5 credits. Prereq: 11A or 19A or AMS15A or AP Calc AB exam score of 4 or 5, or BC exam score of 3 or higher, or IB Mathematics Higher Level exam score of 5 or higher
MATH 19A	Calculus for Science, Math & Engineering (Online)	MF	5 credits. Prereq: MATH 3 or AMS 3 or MP score of 400 or higher or AP CALC AB score of 3 or higher
MATH 19B	Calculus for Science, Math & Engineering (Online)	MF	5 credits. Prereq: MATH 19A or 20A or AP CALC AB Exam of 4 or 5 or BC exam of 3 or higher or IB Math Higher Level exam of 5 or higher
MATH 21	Linear Algebra	MF	5 credits. Prereq: MATH 11A or 19A or 20A or AMS 11A or 15A
MATH 23A	Vector Calculus (Online)	MF	5 credits. Prereq: MATH 19B or 20B or AP CALC exam of 4 or 5
MATH 23B	Vector Calculus	MF	5 credits. Prereq: MATH 23A

SUMMER SESSION

Class ID	Class Title	GE	Notes, prerequisite info, etc.
MATH 24	Ordinary Differential Equations		5 credits. Prereq: MATH 22 or 23A. Recommended: MATH 21
METX 80E	Aquatic Toxicology	SI	5 credits.
MUSC 11B	Intro to Jazz	ER	5 credits.
MUSC 55	Rhythms of North India	PR-C	2 credits.
MUSC 58	Songwriting Craft and Practice	PR-C	2 credits. Students will compose, record and perform song samples
PHIL 22	Ethical Theory: Life is Strange	CC	5 credits.
POLI 4	Citizenship and Action	TA	5 credits. Recommended: completion of Entry Level Writing Requirement (ELWR)
POLI 20	American Politics	TA	5 credits. Recommended: completion of Entry Level Writing Requirement (ELWR). Satisfies American History and Institutions Requirement.
PRTR 141W	Improvisation Workshop	PR-C	5 credits. Prereq lifted in summer. Participants perform in a final public showing. Students with little to no experience encouraged to attend!
PSYC 2	Introduction to Psychological Statistics	SR	5 credits. Prereq: PSYC 1 or 20 and AMS 3 or 6 or Math 3 or 4 or 11A (or equivalent AP, or math placement score)
PSYC 10	Introduction to Developmental Psychology		5 credits. Prereq: PSYC 1 and AMS 3 or 6 or Math 3 (or higher Math course) and course 2 or AMS 5 or 7/7L

SUMMER SESSION

Class ID	Class Title	GE	Notes, prerequisite info, etc.
SOCY 1	Intro to Sociology		5 credits. Fulfills lower-division major requirement
SOCY 15	World Society	CC	5 credits. Fulfills lower-division major requirement
STEV 80G	Self & Society Through Film	IM	5 credits. Open to all students
TIM 80C	Starting a New Technology Company		5 credits.
THEA 10	Introduction to Theater Design & Technology	IM	5 credits. This course is a prerequisite for all upper-division design courses
THEA 20	Introductory Studies in Acting	IM	5 credits. Designed for students with little or no experience in acting.
THEA 30	Introduction to Dance Theory and Technique	PR-C	5 credits. Course materials fee

*Math courses require placement into the appropriate level; more information about math placement can be found at:
<https://mathcoach.sites.ucsc.edu/>

Summer Session

10-Week Session: June 24 – August 30

Class ID	Class Title	GE	Notes, prerequisite info, etc.
STEV 27	Service Learning (Online)	PR-S	2 credits. Open to all students
PHIL 9	Intro to Logic (Online)	MF	5 credits.
PHYS 5C	Intro to Physics III	SI	5 credits. Prereq: PHYS 5A/L and MATH 19B or 20B; Concurrent enrollment in PHYS 5N required
PHYS 5N	Intro to Physics Lab		1 credit. Prereq: PHYS 5A/L; Concurrent enrollment in PHYS 5C required. Courses 5B/M recommended.
PHYS 6C	Introductory Physics III	SI	5 credit. Prereq: PHYS 5A/L or 6A/L and MATH

SUMMER SESSION

			11B or 19B or 20B or AMS 15B
PHYS 6N	Introductory Physics Lab		1 credit. Prereq: PHYS 5A/L or 6A/L; previous or concurrent enrollment in 6C. Recommended: courses 6B and 6M

Summer Session**8-Week Session: June 24 – August 16**

Class ID	Class Title	GE	Notes, prerequisite info, etc.
CMPS 12A	Intro to Programming (Accelerated)		5 credits. Prereq: Math 3 or 11A or 19A or AMS 3 or AMS/Econ 11A, or a score of 400 or higher on the mathematics placement examination (MPE). Concurrent enrollment in 12L required. Students who have no or very limited programming experience should consider courses 5J and 11 instead
CMPS 12L	Computer Programming Lab		2 credits. Prereq: Concurrent enrollment in 12A required.
CMPE 12	Computer Systems and Assembly Language		5 credits. Not recommended for students with no computer programming experience. Previous or concurrent enrollment in 12L required
CMPE 12L	Computer Systems and Assembly Language Lab		2 credits. Previous or concurrent enrollment in 12 required.
CMPE 16	Applied Discrete Mathematics	MF	5 credits. Prereq: MATH 19A or 11B or AMS 11B or 15B or ECON 11B. Not recommended for students with no computer programming experience

SUMMER SESSION

CRWN 90	Start Up Entrepreneurship Academy (SEA)	PR-E	5 credits. Open to all students..
PHYS 6A	Intro Physics I	MF	5 credits. Prereq: MATH 11A or 19A or 20A or AMS 15A. Concurrent enrollment in course 6L required
PHYS 6L	Intro Physics Lab		1 credit. Previous or concurrent enrollment in 6A or 7A required.