TO QUALIFY FOR GUARANTEED ADMISSION TO AN ENGINEERING MAJOR, STUDENTS MUST:

- Attend a California community college.
- Meet all published TAG criteria.
- Have at least a 3.0 GPA and 30 transferable semester units completed at the time that the TAG agreement is written.
- Complete at least 60 semester (90 quarter) transferable units (including all minimum UC eligibility requirements).
- Complete all lower-division foundation course requirements (equivalent to the UCSC courses listed below) for their specific major with a minimum 3.0 GPA by the end of the spring term prior to fall enrollment. Full course titles and descriptions may be found in the UCSC General Catalog at reg.ucsc.edu/catalog.

BIOENGINEERING, B.S.

(AT LEAST 6 OF THE FOLLOWING COURSES)

- AMS 7/L
- AMS 10 OR MATH 21
- AMS 20 OR MATH 24
- BIOL 20A
- BIOE 20B
- CHEM 1A
- CHEM 1B/M
- CHEM 1C/N
- CHEM 108A/L
- CMPE 9
- CMPE 12/L
- CMPE 13/L OR CMPS 12A/L OR CMPS 5J & CMPS 11
- CMPS 12B/M
- EE 101/L
- MATH 19A
- MATH 19B
- PHYS 5A/L OR PHYS 6A/L
- PHYS 5C/N OR PHYS 6C/N

BIOINFORMATICS, B.S.

- CHEM 1A
- CHEM 1B/M
- CHEM 1C/N
- CMPS 12A/L OR CMPS 5J & CMPS 11
- CMPS 12B/M & CMPE 13/L
- CMPS 12B/M
- MATH 19A
- MATH 19B

COMPUTER SCIENCE, B.A., B.S AND COMPUTER SCIENCE: COMPUTER GAME DESIGN, B.S.

- CMPE 16
- CMPS 12A/L OR CMPS 5J & CMPS 11
- CMPS 12B/M
- MATH 19A
- MATH 19B

ELECTRICAL ENGINEERING, B.S.

- AMS 10
- AMS 20
- MATH 19A
- MATH 19B
- PHYS 5A/L
- PHYS 5B/M
- PHYS 5C/N

NETWORK & DIGITAL TECHNOLOGY, B.A.

(AT LEAST 5 OF THE FOLLOWING COURSES)

- AMS 10 OR MATH 21
- AMS 20 OR MATH 24
- CMPE 12/L
- CMPE 16
- CMPE 13/L OR CMPS 12A/L OR CMPS 5J & CMPS 11
- CMPS 12B/M
- EE 101/L
- MATH 19A
- MATH 19B
- PHYS 5A/L OR PHYS 6A/L
- PHYS 5C/N OR PHYS 6C/N

TECHNOLOGY & INFORMATION MANAGEMENT, B.S.

- CMPE 16
- CMPS 12A OR CMPS 5J & CMPS 11
- MATH 19A
- MATH 19B
- ISM 50 OR ECON 1 & ECON 2
**Course Titles**

AMS 7/L – Statistical Methods for the Biological and Environmental Sciences & Lab
AMS 10 – Mathematical Methods for Engineers I
AMS 20 – Mathematical Methods for Engineers II
BIOL 20A – Cell and Molecular Biology
BIOE 20B – Development and Physiology
CHEM 1A – General Chemistry
CHEM 1B/M – General Chemistry & Lab
CHEM 1C/N – General Chemistry & Lab
CHEM 108A/L – Organic Chemistry & Lab
CMPE 9 – Introduction to Statics Dynamics and Biomechanics
CMPE 12/L – Computer Systems and Assembly Language & Lab
CMPE 13/L – Computer Systems and C Programming & Lab
CMPE 16 – Applied Discrete Mathematics
CMPE 80E – Engineering Ethics
CMPS 5J – Introduction to Programming in Java
CMPS 11 – Intermediate Programming
CMPS 12A/L – Introduction to Programming & Lab
CMPS 12B/M – Introduction to Data Structures & Lab
ECON 1 – Introduction to Microeconomics
ECON 2 – Introduction to Macroeconomics
EE 101/L – Introduction to Electronic Circuits & Lab
MATH 19A and 19B – Calculus for Science, Engineering, and Mathematics
Math 21 – Linear Algebra
MATH 23A – Multivariable Calculus
Math 24 – Ordinary Differential Equations
PHYS 5A/L – Introduction to Physics I & Lab
PHYS 5B/M – Introduction to Physics II & Lab
PHYS 5C/N – Introduction to Physics III & Lab
PHYS 6A/L – Introductory Physics I & Lab
PHYS 6B/M – Introductory Physics II & Lab
PHYS 6C/N – Introductory Physics III & Lab
TIM 50 – Business Information Systems

* For full course descriptions, please consult the UCSC Catalog: [reg.ucsc.edu/catalog](http://reg.ucsc.edu/catalog)

* For more information on articulated courses for your community college, please visit: [assist.org](http://assist.org)