| Name: | PURE MATH COURSEWORK | | | | | | | |
|---|----------------------|---------------------------|--|-----------------|-------------|--|--------|---------|
| SID #: | | | MATH Bachelor of Science (Fall 2022 & previous) | | | | | |
| BREADTH REQUIREMENTS (180 units minimum to graduate, 216 max) | | | MATH Core Requirement Lower-Div Entire major GPA must completed with at least a 2.00 GPA | | | MATH PURE MATHEMATICS Upper-Division Coursework (52 units) | | |
| Common Breadth Courses | | | Course Of | <u>fferings</u> | | Course Offerings | | |
| English (12 units) - Grade of "C" or better is | s require | ed | Course Name | Units | Completed | 36 units of upper-div to | includ | e at |
| Course Name | Units | Completed | MATH009A | 4 | | least 24 units from the follow | | ng: |
| ENGL001A | 4 | | MATH009B | 4 | | Course Name | Units | Grade |
| ENGL001B | 4 | | MATH009C | 4 | | MATH131 | 4 | |
| ENGL001C | 4 | | MATH031 | 5 | | MATH132 | 4 | |
| HUMANITIES (12 units minimum | | | <u>CS010A</u> | 4 | | MATH145A | 4 | |
| One (1) course from: World History 10, 1 | 5, or 20 | | MATH010A | 4 | | MATH145B | 4 | |
| | | | MATH010B | 4 | | MATH151A | 4 | |
| One (1) course in: fine arts, literature, philosophy, o | r religio | ous studies | MATH046 | 4 | | MATH151B | 4 | |
| | | | CS011 is reco | ommend | ed | MATH151C | 4 | |
| One (1) additional humanities course | | Year of S | cience | | MATH171 | 4 | | |
| , , , , , , , , , , , , , , , , , , , | | | BIOL005, CHEM001, | or PHY | S040 Series | MATH172 | 4 | |
| SOCIAL SCIENCES (12 units minimum) | | | | | | At least 3 courses from ab | ove m | ust be: |
| One (1) course in: economics, political s | cience | | | | | MATH145A | | |
| | | | | | | MATH145B | | |
| One (1) course in: anthropology, psychology | , sociolo | ogy | Please refer to prerequ | uisite red | quirements | MATH151A | | |
| | | | | | MATH151B | | | |
| One (1) additional social sciences cou | ırse | | | | | MATH151C | | |
| , i | | | | | | 16 additional upp | er-div | |
| ETHNIC STUDIES (4 units minimu | ım) | • | requirement for MATH145A and | | | | 4 | |
| May count towards addt'l humanities or addt'l social scient | | t not both | MATH150A (also requires MATH009C & | | | | 4 | |
| | | | MATH010B with C | | | | 4 | |
| BIOLOGICAL SCIENCES (4 units min | imum) | | accordi | | | | 4 | |
| | | | Refer to your universi | ty catalo | og year and | (if needed) | (4) | |
| MATHEMATICS (4 units minimum) | | degree audit for specific | 9 | | (if needed) | ` ′ | | |
| | | | all major requ | | | (if needed) | (4) | |
| PHYSICAL SCIENCE (4 units minin | num) | | • | | | ORNIA demic Ada | • | |
| Two additional 4-unit courses from life sciences or | | al science | UC | UNIVE | ERSII | DE SEE TOTAL | | |

| Name: | | | GENERAL APPLIED MATH COURSEWORK | | | | | |
|---|---------------------------------------|-------------------|--|-----------------|-----------------------------|--|------------|-------|
| SID #: | | | MATH Bachelor of Science (Fall 2022 & previous) | | | | | |
| BREADTH REQUIREMENTS (180 units minimum to graduate, 216 max) | | | MATH Core Requirement Lower-Div Entire major GPA must completed with at least a 2.00 GPA | | | MATH General Applied Concentration Upper-Division Coursework | | |
| Common Breadth Courses | | | Course Of | <u>fferings</u> | | Course Offerin | <u>ıgs</u> | |
| English (12 units) - Grade of "C" or better is | s require | ed | Course Name | Units | Completed | The following must be tal | ken fro | m the |
| Course Name | Units | Completed | MATH009A | 4 | | MATH General Core Co | oncentr | ation |
| ENGL001A | 4 | | MATH009B | 4 | | Course Name | Units | Grade |
| ENGL001B | 4 | | MATH009C | 4 | | MATH131 | 4 | |
| ENGL001C | 4 | | MATH031 | 5 | | MATH135A&B or 149A&B | 8 | |
| HUMANITIES (12 units minimum | 1) | | CS010A | 4 | | MATH146A | 4 | |
| One (1) course from: World History 10, 1 | 5, or 20 | | MATH010A | 4 | | MATH146B | 4 | |
| · · | | | MATH010B | 4 | | MATH146C | 4 | |
| One (1) course in: fine arts, literature, philosophy, o | r religio | us studies | MATH046 | 4 | | General MATH Option | Area r | nust |
| | | | CS011 is reco | ommend | ed | take the followi | | |
| One (1) additional humanities course | | Year of S | Science | | MATH150A or MATH151A | 4 | | |
| | | BIOL005, CHEM001, | or PHY | S040 Series | MATH168 | 4 | | |
| SOCIAL SCIENCES (12 units minimum) | | | , | | | 16 units from the fol | lowing | |
| One (1) course in: economics, political s | cience | | | | | MATH120 | 4 | |
| 7 | | | | | | MATH121 | 4 | |
| One (1) course in: anthropology, psychology | . sociolo | ogv | Please refer to prerequ | uisite rec | nuirements | MATH126 | 4 | |
| () () () () () () () () () () | | 83 | for all MATH courses. | | | MATH141 | 4 | |
| One (1) additional social sciences cou | ırse | | | | | MATH149A | 4 | |
| 0 110 (1) 110 1111 00 1111 00 1111 | | | Please note: MATH144 is a prerequsite | | | MATH149B | 4 | |
| ETHNIC STUDIES (4 units minimu | ım) | | requirement for M | _ | _ | MATH151B | 4 | |
| May count towards addt'l humanities or addt'l social science | | t not both | MATH150A (also requ | | | MATH165A | 4 | |
| Thay could to wards added indinamics of added social series | | | MATH010B with C | | | MATH165B | 4 | |
| BIOLOGICAL SCIENCES (4 units min | imum) | | accordingly. | | Please review course offeri | _ | course | |
| DIOLOGICI II OCILIACEO (1 unito inim | BIOLOGICAL SCIENCES (4 units minimum) | | Refer to your university catalog year and | | | availability and appropr | | |
| MATHEMATICS (4 units minimum) | | | degree audit for specifi | • | U 1 | planning. | iate co | arse |
| MATTEMATICS (4 units minimum) | | | all major requ | | | piummig. | | |
| PHYSICAL SCIENCE (4 units minin | nim) | 1 | air iliajor req | | | io A x | | |
| TITTOTE TE OCIETVEE (4 units inimi | | | | UNIVE | RSITY OF CALIF | ORNIA demic Ao | | |
| Two additional 4-unit courses from life sciences or | nhysica | 1 science | IIC | SIV | ERSI | | 9 | |
| Two additional 4-diff courses from the selences of | Pirysica | a science | Մեն | VIV | ГИЭП | |) | |
| | | | | | | (A) 19x | | |

| Name: | MATH APPLIED BIOL COURSEWORK | | | | | | | |
|--|------------------------------|---------------------------|--|-------------------------------|--------------------------------|--|---------|--------|
| SID #: | | | MATH Bachelor of Science (Fall 2022 & previous) | | | | | |
| BREADTH REQUIREMENTS (180 units minimum to graduate, 216 max) | | | MATH Core Requirement Lower-Div Entire major GPA must completed with at least a 2.00 GPA | | | MATH BIOL Option Concentration Upper-Division Coursework | | |
| Common Breadth Courses | | | Course Offerings | | | Course Offerings | | |
| English (12 units) - Grade of "C" or better is | require | ed | Course Name | Units | Completed | The following must be ta | ken fro | m the |
| Course Name | Units | Completed | MATH009A | 4 | | MATH BIOL Core Cor | ncentra | tion |
| ENGL001A | 4 | | MATH009B | 4 | | Course Name | Units | Grade |
| ENGL001B | 4 | | MATH009C | 4 | | MATH131 | 4 | |
| ENGL001C | 4 | | MATH031 | 5 | | MATH135A&B or 149A&B | 8 | |
| HUMANITIES (12 units minimum | , | | <u>CS010A</u> | 4 | | MATH146A | 4 | |
| One (1) course from: World History 10, 1 | 5, or 20 | | MATH010A | 4 | | MATH146B | 4 | |
| | | | MATH010B | 4 | | MATH146C | 4 | |
| One (1) course in: fine arts, literature, philosophy, or religious studies | | MATH046 | 4 | | BIOL Option Area | ı must | | |
| | | CS011 is reco | mmend | ed | take the following: | | | |
| One (1) additional humanities course | | V CC | | | MATH149A | 4 | | |
| | | Year of Science | | 2 courses from the following: | | | | |
| SOCIAL SCIENCES (12 units minimum) | | | BIOL005A/05LA | 5 | | MATH120 | 4 | |
| , , , | | BIOL005B | 4 | | MATH121 | 4 | | |
| - | | | BIOL005C | 4 | | MATH135A | 4 | |
| One (1) course in: anthropology, psychology | , sociolo | ogy | Please refer to prerequisite requirements | | | MATH135B | 4 | |
| N | | | | | MATH149B | 4 | | |
| One (1) additional social sciences cou | ırse | | BIOL Upper-Division, must tak | | | | | |
| , , | | | Please note: MATH144 is a prerequsite BIOL102 | | | | | |
| ETHNIC STUDIES (4 units minimu | m) | | requirement for MATH145A and | | BIOL105 | 4 | | |
| May count towards addt'l humanities or addt'l social scient | ences, bu | t not both | MATH150A (also requires MATH009C & | | BIOL108 | 4 | | |
| | | | MATH010B with C- or | better). | Also review | 4 additional units of upper- | divisio | n BIOL |
| BIOLOGICAL SCIENCES (4 units min | imum) | | upper-div BIOL preqs. Plan accordingly. | | | | 4 | |
| · | | | Refer to your universi | ty catalo | g year and | Please review course offeri | ngs for | course |
| MATHEMATICS (4 units minimum) | | degree audit for specific | 9 | 0 1 | availability, prerequisites, a | _ | | |
| | | | all major requ | | | course plannin | | |
| PHYSICAL SCIENCE (4 units minin | num) | | | | | emic Adb. | | |
| | | | | UNIVE | RSITY OF CALIF | ORNIA della le | | |
| Two additional 4-unit courses from life sciences or | physica | 1 science | UC | VIV | ERSII | | | |

| Name: | | | MATH APPLIED CHEM COURSEWORK | | | | | |
|--|-----------|----------------------------------|--|-----------------|-----------------------------|--|------------|-----------|
| SID #: | | | MATH Bachelor of Science (Fall 2022 & previous) | | | | | |
| BREADTH REQUIREMENTS (180 units minimum to graduate, 216 max) | | | MATH Core Requirement Lower-Div Entire major GPA must completed with at least a 2.00 GPA | | | MATH CHEM Option Concentration Upper-Division Coursework | | |
| Common Breadth Courses | | | Course Of | <u>fferings</u> | | Course Offerin | <u>ıgs</u> | |
| English (12 units) - Grade of "C" or better is | require | ed | Course Name | Units | Completed | The following must be ta | ken fro | m the |
| Course Name | Units | Completed | MATH009A | 4 | | MATH CHEM Core Co | ncentra | ation |
| ENGL001A | 4 | | MATH009B | 4 | | Course Name | Units | Grade |
| ENGL001B | 4 | | MATH009C | 4 | | MATH131 | 4 | |
| ENGL001C | 4 | | MATH031 | 5 | | MATH135A&B or 149A&B | 8 | |
| HUMANITIES (12 units minimum | n) | | <u>CS010A</u> | 4 | | MATH146A | 4 | |
| One (1) course from: World History 10, 1 | 5, or 20 | | MATH010A | 4 | | MATH146B | 4 | |
| | | | MATH010B | 4 | | MATH146C | 4 | |
| One (1) course in: fine arts, literature, philosophy, o | r religio | us studies | MATH046 | 4 | | CHEM Option Are | a must | |
| | | | CS011 is recommended | | | take 3 from the foll | owing: | |
| One (1) additional humanities course | | October Commence of the LOTTER C | | | MATH120 | 4 | | |
| | 1 | | Science Sequences for | or applie | ed CHEM | MATH135A | 4 | |
| SOCIAL SCIENCES (12 units minim | um) | <u> </u> | CHEM001A/01LA | 5 | | MATH135B | 4 | |
| One (1) course in: economics, political s | | | CHEM001B/01LB | 5 | | MATH149A | 4 | |
| () () () () () () () () () () | | | CHEM001C/01LC | 5 | | MATH149B | 4 | |
| One (1) course in: anthropology, psychology | . sociolo | ogv | PHYS040A | 5 | | MATH165A | 4 | |
| | | - 83 | PHYS040B | 5 | | MATH165B | 4 | |
| One (1) additional social sciences cou | ırse | | PHYS040C | 5 | | CHEM Upper-Division | . must | take: |
| 1 () | | | Please note: MATH1 | _ | reregusite | CHEM110A | 4 | |
| ETHNIC STUDIES (4 units minimu | m) | | requirement for MATH145A and | | | CHEM110B | 4 | |
| May count towards addt'l humanities or addt'l social scie | | t not both | MATH150A (also requires MATH009C & | | | CHEM111 | 4 | |
| inal count to wards about indinatives of about bottal sex | | | MATH010B with C- or | | | | 4 | |
| BIOLOGICAL SCIENCES (4 units min | imum) | <u> </u> | upper-div CHEM prequ | | | Additional 4 units of uppe | | CHEM |
| 210 2 0 0101 2 0 0121 + 020 (1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | Refer to your universi | | | Tibolician I dilic of app | 4 | |
| MATHEMATICS (4 units minimum) | | degree audit for specific | 9 | 0 0 | Please review course offeri | | course | |
| WATTEWATIES (4 tills illillillitil) | | | | | _ | availability, prerequisites, a | _ | |
| PHYSICAL SCIENCE (4 units minimum) | | | all major requirements. Be aware potential time conflicts between | | | course plannin | | - Spriace |
| TITOTOLID GELLICE (Tunto mini | | | CHEM110 and M | | | <u>,</u> | ·D' | |
| Two additional 4-unit courses from life sciences or | physica | 1 science | UC R UNIVERS | | | Remic Advis | | |

| Name: | MATH APPLIED ECON COURSEWORK | | | | | | | |
|--|------------------------------|-----------------|--|----------------|----------------------------------|--|-------------------|-------------|
| SID #: | | | MATH Bachelor of Science (Fall 2022 to 2020 catalog) | | | | | |
| BREADTH REQUIREMENTS (180 units minimum to graduate, 216 max) | | | MATH Core Requirement Lower-Div Entire major GPA must completed with at least a 2.00 GPA | | | MATH ECON Option Concentration Upper-Division Coursework | | |
| Common Breadth Courses | | | Course Of | <u>ferings</u> | | Course Offerin | <u>ıgs</u> | |
| English (12 units) - Grade of "C" or better is | s require | | Course Name | Units | Completed | The following must be tal | ken fro | m the |
| Course Name | Units | Completed | MATH009A | 4 | | MATH ECON Core Co | ncentra | ation |
| ENGL001A | 4 | | MATH009B | 4 | | Course Name | Units | Grade |
| ENGL001B | 4 | | MATH009C | 4 | | MATH131 | 4 | |
| ENGL001C | 4 | | MATH031 | 5 | | MATH135A&B or 149A&B | 8 | |
| HUMANITIES (12 units minimum | 1) | | <u>CS010A</u> | 4 | | MATH146A | 4 | |
| One (1) course from: World History 10, 1 | 5, or 20 | | MATH010A | 4 | | MATH146B | 4 | |
| | | | MATH010B | 4 | | MATH146C | 4 | |
| One (1) course in: fine arts, literature, philosophy, o | r religio | us studies | MATH046 | 4 | | ECON Option Are | a must | |
| | | | CS011 is reco | mmend | ed | take the followi | llowing: | |
| One (1) additional humanities course | | Year of Science | | | MATH120 | 4 | | |
| ` , | | | BIOL005, CHEM001, | or PHY | S040 Series | MATH121 | 4 | |
| SOCIAL SCIENCES (12 units minim | um) | | , | | | MATH149A | 4 | |
| One (1) course in: economics, political s | cience | | | | | MATH149B | 4 | |
| · · · · · · · · · · · · · · · · · · · | | | | | | ECON 4 Upper-Div (at | least 1 | 7-20 |
| One (1) course in: anthropology, psychology | , sociolo | ogy | Please refer to prerequ | iisite red | quirements | ECON | 5 | |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | for all MATH courses. | | ECON | 5 | | |
| One (1) additional social sciences cou | ırse | | | | ECON | 5 | | |
| · · | | | Please note: MATH1 | 44 is a p | orerequsite | ECON | 4/5 | |
| ETHNIC STUDIES (4 units minimu | ım) | | requirement for M | _ | _ | Please review course offer | ings fo | r other |
| May count towards addt'l humanities or addt'l social scient | | t not both | MATH150A (also requires MATH009C & | | | | | |
| , and the second | | | MATH010B with C- or better). Plan | | and appropriate course planning. | | | |
| BIOLOGICAL SCIENCES (4 units min | imum) | | accordin | | | | | |
| , | | | Refer to your university | ty catalo | og vear and | In lieu of ECON102A, 102 | | |
| MATHEMATICS (4 units minimur | n) | | degree audit for specific | • | 0 0 | 103B choices, either EC | | |
| WHITTIES (Taints imminum) | | | all major requirements. | | | ECON104A may be | e taken | |
| PHYSICAL SCIENCE (4 units minin | num) | | | | | 1 | 4 > | |
| Two additional 4-unit courses from life sciences or | | 1 science | UCR | NIVER | ERS | DE Jemic | Tahiga Markeri | |

| BREADTH REQUIREMENTS (180 units minimum to graduate, 216 max) MATH Core Requirements Entire major Glowith at lea | uirement l | L ower-Div mpleted | e (Fall 2022 & previous) MATH ENSC Option C Upper-Division Cou | | |
|--|--|------------------------------|--|-----------------------|---------|
| Entire major Gl (180 units minimum to graduate, 216 max) Common Breadth Courses English (12 units) - Grade of "C" or better is required Course Name Units Completed MATH009A | PA must co ast a 2.00 Gl | mpleted | | | |
| English (12 units) - Grade of "C" or better is required Course Name Course Name Units Completed MATH009A | e Offerings | | | rseworl | |
| Course Name Units Completed MATH009A | | | Course Offerin | <u>1gs</u> | |
| | Units | Completed | The following must be ta | ken froi | m the |
| ENGL001A 4 MATH009B | 4 | | MATH ENSC Core Co | ncentra | tion |
| | 4 | | Course Name | Units | Grade |
| ENGL001B 4 MATH009C | 4 | | MATH131 | 4 | |
| ENGL001C 4 MATH031 | 5 | | MATH135A&B or 149A&B | 8 | |
| HUMANITIES (12 units minimum) CS010A | 4 | | MATH146A | 4 | |
| One (1) course from: World History 10, 15, or 20 MATH010A | 4 | | MATH146B | 4 | |
| MATH010B | 4 | | MATH146C | 4 | |
| One (1) course in: fine arts, literature, philosophy, or religious studies MATH046 | 4 | | ENSC MATH Upper-D | ivision | must |
| CS011 is r | CS011 is recommended | | take the followi | ng: | |
| One (1) additional humanities course | Science Sequences for applied ENSC | | | 4 | |
| Science Sequence | es for applie | ed ENSC | ENSC MATH Upper-D | ivision | must |
| SOCIAL SCIENCES (12 units minimum) CHEM001A/01LA | 5 | | take 2 of the following: | | |
| One (1) course in: economics, political science CHEM001B/01LB | 5 | | MATH120 | 4 | |
| CHEM001C/01LC | 5 | | MATH121 | 4 | |
| One (1) course in: anthropology, psychology, sociology Additional Lo | ower-Div Sc | iences | MATH135A | 4 | |
| ENSC006/ECON00 | 06* 4 | | MATH135B | 4 | |
| One (1) additional social sciences course GEO001 (recommend | ded) 4 | | MATH149B | 4 | |
| Please note: MAT | ΓΗ144 is a p | rerequsite | CS177 | 4 | |
| | | | STAT155 | 4 | |
| May count towards addt'l humanities or addt'l social sciences, but not both MATH150A (also r | - | | | st take t | he |
| MATH010B with C | - or better). | Also review | ENSC100/SWSC100 | 4 | |
| BIOLOGICAL SCIENCES (4 units minimum) upper-div ENSC pr | reqs. Plan a | ccordingly. | ENSC101 | 4 | |
| Refer to your university of the second secon | ersity catalo | g year and | ENSC102 | 4 | |
| MATHEMATICS (4 units minimum) degree audit for spe | • | . | Additional 4 units of upp | <mark>er-div E</mark> | ENSC |
| · · · · · · · · · · · · · · · · · · · | requiremen | • | • | 4 | |
| | | | Please review course offering | ngs for c | ourse |
| UNIVERSITY OF | CALIFORNIA & | Sir Sir | availability, prerequisites, and appropriate | | |
| Two additional 4-unit courses from life sciences or physical science | INE & | - R | course planning. PLEAS | | _ |
| UUINIVENS | UCRIVERSITY OF CALIFORNIA STEMIC ACTIVITY OF CALIFORNIA STEMIC ACT | | ENSC002 is a prerequisi | | |
| | ~ | NO 1935 | upper-div. *Substituion co | urse av | ailable |

| Name: | MATH APPLIED PHYS COURSEWORK | | | | | | | |
|--|------------------------------|----------------|--|-----------------|---------------|--|--------------|----------|
| SID #: | | | MATH Bachelor of Science (Fall 2022 & previous) | | | | | |
| BREADTH REQUIREMENTS (180 units minimum to graduate, 216 max) | | | MATH Core Requirement Lower-Div Entire major GPA must completed with at least a 2.00 GPA | | | MATH PHYS Option Concentration Upper-Division Coursework | | |
| Common Breadth Courses | | | Course O | <u>fferings</u> | | Course Offerin | <u>1gs</u> | |
| English (12 units) - Grade of "C" or better is | | | Course Name | Units | Completed | The following must be ta | ken fro | m the |
| Course Name | Units | Completed | MATH009A | 4 | | MATH PHYS Core Co | ncentra | tion |
| ENGL001A | 4 | | MATH009B | 4 | | Course Name | Units | Grade |
| ENGL001B | 4 | | MATH009C | 4 | | MATH131 | 4 | |
| ENGL001C | 4 | | MATH031 | 5 | | MATH135A&B or 149A&B | 8 | |
| HUMANITIES (12 units minimum | 1) | | <u>CS010A</u> | 4 | | MATH146A | 4 | |
| One (1) course from: World History 10, 1 | 5, or 20 | | MATH010A | 4 | | MATH146B | 4 | |
| | | | MATH010B | 4 | | MATH146C | 4 | |
| One (1) course in: fine arts, literature, philosophy, o | r religio | us studies | MATH046 | 4 | | PHYS MATH Upper-D: | ivision | must |
| | | | CS011 is recommended | | | take the followi | ng: | |
| One (1) additional humanities course | | Recommended So | Recommended Science Sequence | | | 4 | | |
| | | | for applied | | • | MATH135A MATH165A | 4 | |
| SOCIAL SCIENCES (12 units minim | um) | • | PHYS040A | 5 | | Take 1 of the follo | wing: | |
| One (1) course in: economics, political s | cience | | PHYS040B | 5 | | MATH120 or MATH171 | 4 | |
| 7.1 | | | PHYS040C | 5 | | PHYS Upper-Division n | nust tak | te the |
| One (1) course in: anthropology, psychology | , sociolo | ogv | Please refer to prereq | uisite red | nuirements | following: | | |
| | | - 83 | for all MATH & | | _ | PHYS130A | 4 | |
| One (1) additional social sciences cou | ırse | | _ | | PHYS130B | 4 | | |
| () | | | Please note: MATH144 is a prerequsite | | | Take 1 series of the following: | | |
| ETHNIC STUDIES (4 units minimu | ım) | | requirement for M | _ | _ | PHYS135A, 135B, 136 | 12 | 5. |
| May count towards addt'l humanities or addt'l social scie | | t not both | MATH150A (also requ | | | OR | | |
| The second to ward about home and the second second | | | MATH010B with C- or | | | | 8 | |
| BIOLOGICAL SCIENCES (4 units min | imum) | | upper-div PHYS preqs | | | | | |
| DIOLOGICI IL COLLI (1 UIIII) | | | | | | Please review course offeri | _ | |
| MATHEMATICS (4 units minimur | n) | | Refer to your university catalog year and degree audit for specific course listings and | | | availability, prerequisites, a | | ropriate |
| THE TELEPHONE TO COME TO THE TIME TO THE TIME TO COME TO THE TIME TO THE T | | | all major requirements. | | | course plannin | ıg. | |
| PHYSICAL SCIENCE (4 units minin | num) | | | | | in A s | | |
| TITIOICIAE OCIENCE (4 units illillilli | | | | UNIVER | RSITY OF CA | ALIFORNIA gemic Ad | ₹ . . | |
| Two additional 4-unit courses from life sciences or | nhysica | l science | | W | CDC | | III 8 | |
| 1 wo additional 4-diff courses from the sciences of | Pirysica | i sciciice | UCR | V | $\Gamma L T $ | T W | S. | |
| | | | | | | To ro | N. | |
| | | | | | | | | |

| Name: | COMPUTATIONAL MATH COURSEWORK | | | | | | | |
|---|-------------------------------|----------------|--|----------------|----------------------|--|------------|--------|
| SID #: | | | MATH Bachelor of Science (Fall 2022 & previous) | | | | | |
| BREADTH REQUIREMENTS (180 units minimum to graduate, 216 max) | | | MATH Core Requirement Lower-Div Entire major GPA must completed with at least a 2.00 GPA | | | Computational MATH Concentration Lower & Upper-Division Coursework | | |
| Common Breadth Courses | | | Course Of | <u>ferings</u> | | Course Offerin | <u>ngs</u> | |
| English (12 units) - Grade of "C" or better i | s require | ed | Course Name | Units | Completed | The following must be ta | ken fro | m the |
| Course Name | Units | Completed | MATH009A | 4 | | MATH General Core C | oncentr | ation |
| ENGL001A | 4 | | MATH009B | 4 | | Course Name | Units | Grade |
| ENGL001B | 4 | | MATH009C | 4 | | MATH131 | 4 | |
| ENGL001C | 4 | | MATH031 | 5 | | MATH120 | 4 | |
| HUMANITIES (12 units minimur | , | | <u>CS010A</u> | 4 | | MATH132 | 4 | |
| One (1) course from: World History 10, 1 | 5, or 20 | | MATH010A | 4 | | MATH135A | 4 | |
| | | | MATH010B | 4 | | MATH135B | 4 | |
| One (1) course in: fine arts, literature, philosophy, | or religio | us studies | MATH046 | 4 | | Computational MATH of | concent | ration |
| | | | MATH/CS011 | 4 | | must take the following: | | |
| One (1) additional humanities course | | Year of So | cience | | CS010B | 4 | | |
| . , | | | BIOL005, CHEM001, | or PHY | HYS040 Series CS010C | | 4 | |
| SOCIAL SCIENCES (12 units minin | um) | | , , | | | CS141 | 4 | |
| One (1) course in: economics, political s | science | | | | | CS150 | 4 | |
| | | | | | | One addt'l CS from ted | hn elec | tive |
| One (1) course in: anthropology, psychology | , sociolo | ogy | Please refer to prerequisite requirements CS | | | 4 | | |
| () 1 60/1 5 60 | | | for all MATH courses. Please note: MATH144 is a prerequsite requirement for MATH145A and MATH150A (also requires MATH009C & | | | 16 units of techn elective chosen from | | |
| One (1) additional social sciences co | ırse | | | | | CS111 | 4 | |
| × / | | | | | | MATH121 | 4 | |
| ETHNIC STUDIES (4 units minimu | ım) | | | | | MATH126 | 4 | |
| May count towards addt'l humanities or addt'l social sci | | t not both | | | | MATH146A | 4 | |
| | | | MATH010B with C- or better). Plan | | MATH146B | 4 | | |
| BIOLOGICAL SCIENCES (4 units mir | imum) | | accordir | ngly. | | MATH146C | 4 | |
| | | | Refer to your universit | y catalo | og year and | MATH149A | 4 | |
| MATHEMATICS (4 units minimu | m) | • | degree audit for specific | | | MATH149B | 4 | |
| | | all major requ | | | MATH171 | 4 | | |
| PHYSICAL SCIENCE (4 units minir | num) | | | | mic Ar | CS130 | 4 | |
| , _ | | | UNIVERSITY OF CALIFOR | RNIA 30 | mic Adhi | CS166 | 4 | |
| Two additional 4-unit courses from life sciences or | physica | ıl science | UCRIVERSID | A, Ac | 9 9 | CS170 | 4 | |
| | | | ONIVIATIVAIN | L Pania | | CS177 | 4 | |
| | | | | | | | | |