# 2021-2022 National University General and Major Education Articulation Agreement

Date: January 2022

**Transfer Institution: Palomar College** 

General Education/Major Prep for Bachelor's Degree

| GEN ED<br>AREA/UNITS | NU COURSE<br>PREFIX       | NU COURSE TITLE                                 | PALOMAR<br>COLLEGE               |
|----------------------|---------------------------|---|----------------------------------|
| AREA A – English     | Communication –           | Minimum 15 Quarter Units                        |                                  |
| AREA A – 1A (4.5)    | ENG 102                   | Effective College English                       | ENG 100                          |
| AREA A – 1B (4.5)    | ENG 240<br>or<br>ENG 334A | Advanced Composition<br>or<br>Technical Writing | ENG 202 or ENG 203<br>or<br>NONE |
| AREA A – 2 (4.5)     | COM 103<br>or<br>COM 120  | Public Speaking or Intro Interpersonal Comm.    | SPCH 100<br>or<br>SPCH 115       |
| AREA B – Mathen      | natical Concepts &        | Quantitative Reasoning – Mi                     | n. 4.5 Quarter Units             |
| AREA B (4.5)         | BST 322                   | Intro to Biomedical Statistics                  | NONE                             |
|                      | CSC 208                   | Calculus for Comp. Science I                    | MATH 140                         |
|                      | MNS 205                   | Intro to Quantitative Methods                   | MATH 130 or 140<br>or<br>BUS 204 |
|                      | MTH 204                   | Mathematics for Science                         | MATH 100                         |
|                      | MTH 209A                  | Fund. of Mathematics I                          | MATH 105                         |
|                      | MTH 210                   | Probability & Statistics                        | MATH 120<br>or<br>PSYC/SOC 205   |
|                      | MTH 215                   | College Algebra &<br>Trigonometry               | MATH 135                         |
|                      | MTH 216A                  | College Algebra I                               | MATH 110<br>or<br>MATH 126       |

|  | MTH 216B            | College Algebra II            | MATH 115<br>or<br>MATH 127 |
|--|---------------------|-------------------------------|----------------------------|
|  | MTH 220             | Calculus I                    | MATH 140                   |
|  | MTH 301             | Fund. of Mathematics II       | NONE                       |
| AREA C – Informa   | ation Literacy – Mi | inimum 4.5 Quarter Units      |                            |
| AREA C (4.5)   | ILR 260             | Academic Information Literacy | LT 105 or LT 120           |
| ARFA D - Arts/Hu   | ımanities/Foreion ] | Language – Minimum 18 Qua     | rter Units in 2 Areas      |
| ARTS (4.5-13.5)  | ART 100             | Introduction to Art History   | ART 165<br>and<br>ART 166  |
| *ART 100 – Completion of<br>either ART 165 or ART 166<br>will meet one (1) General<br>Education Area D (Art) | ART 200             | Visual Arts                   | ART 102                    |
| requirement  | FYA 101             | First-Yr Sem: Arts & Human    | NONE                       |
|  | MUS 100             | Fundamentals of Music         | MUS 100                    |
|  | MUS 327 +           | World Music                   | NONE                       |
|  | THR 200             | Theater Arts                  | TA 100                     |
| HUMANITIES (4.5-   |                     |                               |                            |
| 13.5)  | ACEX2101X           | Philosophy of Coaching        | NONE                       |
|  | FYA 101             | First-Yr Sem: Arts & Human    | NONE                       |
|  | HIS 233             | World Civilizations I         | HIST 107                   |
|  | HIS 234             | World Civilizations II        | HIST 108                   |
|  | LIT 100             | Introduction to Literature    | ENG 203 or ENG 205         |

|   | LIT 345              | Mythology                     | NONE                                 |
|---|----------------------|-------------------------------|--------------------------------------|
|   | PHL 100              | Introduction to Philosophy    | PHIL 111                             |
|   | PHL 337              | Ethics                        | NONE                                 |
| FOREIGN<br>LANGUAGE (4.5-<br>13.5)              | ASL 120              | American Sign Language I      | ASL 100                              |
|   | ASL 220              | American Sign Language II     | ASL 101                              |
| Students may satisfy<br>Area D Foreign          | CSC 242              | Intro to Programming Concepts | NONE                                 |
| Language requirements with 9.0 quarter units of | CSC 252              | Programming in C++            | CSCI 222                             |
| computer languages                              | CSC 262              | Programming in JAVA           | CSCI 114                             |
|   | SPN 100              | Beginning Spanish I           | SPAN 101<br>or<br>SPAN 101A and 101B |
|   | SPN 101              | Beginning Spanish II          | SPAN 102                             |
|   | SPN 200              | Intermediate Spanish          | SPAN 201<br>or<br>SPAN 211           |
| AREA E – Social &                               | & Behavioral Science | ces – Minimum 13.5 Quarter U  | Jnits                                |
| AREA E (13.5)                                   | ACEX2100X            | History of Sport              | NONE                                 |
|   | COM 100              | Intro to Mass Communication   | COMM 100                             |
|   | COM 220              | Media Literacy                | JOUR 200                             |
|   | COM 380 +            | Democracy in the Info. Age    | NONE                                 |
|   | ECO 203              | Principles of Microeconomics  | ECON 102                             |

|   | ECO 204                  | Principles of Macroeconomics                         | ECON 101   |
|---|--------------------------|--|--|
|   | FYS 102                  | First-Yr Sem: Social Sciences                        | NONE   |
|   | HIS 220A +               | United States History I                              | AS 101<br>or<br>AIS 101<br>or<br>CS 101<br>or<br>HIST 101 or 140 |
|   | HIS 220B +               | United States History II                             | AS 102<br>or<br>AIS 102<br>or<br>CS 102<br>or<br>HIST 102 or 141 |
|   | POL 100                  | Introduction to Politics                             | POSC 100   |
|   | POL 201                  | American Politics                                    | POSC 102   |
|   | PSY 100                  | Introduction to Psychology                           | PSYC 100   |
|   | SOC 100                  | Principles of Sociology                              | SOC 100  |
|   | SOC 260                  | Cultural Anthropology                                | ANTH 105   |
|   | SOC 350 +                | Cultural Diversity                                   | NONE   |
| ADEAE DI  | 1 0 <b>D</b> ' 1 ' 1 C ' | (T   |  |
| AKEA F – Physica  | BIO 100                  | nces (Lecture & Lab) – Minim<br>Survey of Bioscience | BIOL 100   |
| AREA F (6.0)  | BIO 100A                 | Survey of Bioscience Lab                             | or<br>BIOL 101 and 101L  |
| Completion of BIOL 200 & 201 is equivalent to BIO 161, 162, 163, & 169A | BIO 161<br>BIO 162       | General Biology 1<br>General Biology 2               | BIOL 200<br>BIOL 201   |
|   | BIO 201<br>BIO 201A      | Human Anat&Phys I<br>Human Anat&Phys I Lab           | BIOL 210 and   |
|   | BIO 202<br>BIO 202A      | Human Anat&Phy II<br>Human Anat&Phys II Lab          | BIOL 211   |

|   | BIO 203<br>BIO 203A | Intro Microbiology<br>Intro Microbiology Lab      | BIOL 212              |
|---|---------------------|---|-----------------------|
|   | CHE 101<br>CHE 101A | Introductory Chemistry Introductory Chemistry Lab | CHEM 100              |
| Completion of CHEM 110 & 115 is equivalent to CHE 141, 142, 143, & 149A | CHE 141<br>CHE 142  | General Chemistry I<br>General Chemistry II       | CHEM 110<br>CHEM 115  |
|   | EES 103<br>EES 103A | Fund. Of Geology<br>Fund. Of Geology Lab          | GEOL 100<br>GEOL 100L |
|   | PHS 104<br>PHS 104A | Introductory Physics Introductory Physics Lab     | PHYS 101              |
| Completion of PHYS 120 & 121 is equivalent to PHS 171, 172, 173, & 179A | PHS 171<br>PHS 172  | General Physics I<br>General Physics II           | PHYS 120<br>PHYS 121  |
| AREA G – Lifelong   | g Learning & Self   | Development – Minimum 4.5 (                       | Quarter Units         |
| AREA G (4.5)  | ART 250             | Self-Reflection via Visual Art                    | NONE                  |
|   | СОН 100             | Personal Health                                   | HE 100                |
|   | СОН 201             | Integrative Health                                | NONE                  |
|   | СОН 317             | Public Health Nutrition                           | NONE                  |
|   | СОН 318             | Drug Use & Abuse                                  | NONE                  |
|   | СОН 319             | Public Health & Sexuality                         | NONE                  |
|   | ENG 375             | Nature Writing                                    | NONE                  |
|   | FFL 100             | Founds. to Academic Success                       | NONE                  |
|   | FYP 103             | First-Yr Sem: Psychology                          | NONE                  |
|   | GLS 150             | Global Issues and Trends                          | NONE                  |
|   | MUS 200             | Music Composition                                 | MUS 105               |

| AREA A-G – Gen | eral Education Ele | ectives – Minimum 4.5 Quarter | Units    |
|----------------|--------------------|-------------------------------|----------|
|                | ART 315            | Film as Art                   | NONE     |
| AREA A-G (4.5) | ART 329 +          | World Art                     | NONE     |
|                | COM 360 +          | Representation in the Media   | NONE     |
|                | EES 322            | Oceanography                  | NONE     |
|                | ENG 365            | Creative Writing              | NONE     |
|                | FYM 104            | First-Yr Sem: Math & Sci      | NONE     |
|                | LIT 311            | British Literature I          | NONE     |
|                | LIT 312            | British Literature II         | NONE     |
|                | LIT 321            | American Literature I         | NONE     |
|                | LIT 322            | American Literature II        | NONE     |
|                | MUS 326            | American Music                | NONE     |
|                | PHL 320 +          | World Religions               | NONE     |
|                | PHL 375            | Environmental Ethics          | NONE     |
|                | PHS 102            | Survey of Physical Science    | PHSC 101 |
|                | PSY 300            | Social Psychology of Sport    | NONE     |
|                | PSY 301            | Child Development             | NONE     |
|                | SCI 300 +          | Geography                     | NONE     |
|                | SOC 325            | Popular Culture               | NONE     |
|                | SOC 336 +          | American Film and Society     | NONE     |
|                | SOC 344            | Marriage, Sex, and the Family | NONE     |
|                | SOC 352            | Modern Chinese Culture        | NONE     |

### **Notes**

- GE Requirements and offerings are subject to change. Please refer to National University's <u>Catalog</u>. For current and updated information please contact <u>articulations@nu.edu</u>
- + Diversity Enriched Offering A plus (+) after any course on the list of approved General Education courses signifies a diversity-enriched course. Students must complete at least one (1) diversity-enriched course in the General Education program
- \*Students who complete all General Education coursework at the Community College will be required to take one (1) Upper-Division General Education Elective for their program in order to meet the Upper-Division General Education requirement. Listed 300-Level NU courses are for informational and planning purposes only and are not articulated with Community College transfer coursework

Remedial courses taken to achieve minimum levels of collegiate-level competency in the areas of writing and mathematical concepts and systems <u>do not satisfy</u> any portion of the General Education requirement

Honors Coursework - any Honors section of the same course will fulfill the same requirement

### COLLEGE OF LETTERS AND SCIENCES

| Bachelor of Arts in English                         |         |                            |                    |  |
|---|---------|----------------------------|--------------------|--|
| NU GE AREA NU COURSE NU COURSE TITLE PALOMAR COURSE |         |                            |                    |  |
| D   | LIT 100 | Introduction to Literature | ENG 203 or ENG 205 |  |

| Bachelor of Arts in English with Single Subject Matter Preparation and an Inspired Teaching & Learning Preliminary Single Subject Credential (California) |                            |                            |                    |  |
|---|----------------------------|----------------------------|--------------------|--|
| NU GE AREA  | NU COURSE                  | NU COURSE TITLE            | PALOMAR COURSE     |  |
| A3  | COM 103                    | Public Speaking            | SPCH 100           |  |
| C   | ILR 260                    | Information Literacy       | LT 105 or LT 120   |  |
| D   | LIT 100                    | Introduction to Literature | ENG 203 or ENG 205 |  |
| D   | THR 200                    | Theater Arts               | TA 100             |  |
|   | ENG 201                    | Fiction Writing I          |                    |  |
| D   | or                         | or                         | NONE               |  |
|   | ENG 202                    | Poetry Writing I           |                    |  |
| Note: Also offered in S   | anford School of Education | n                          |                    |  |

| Bachelor of Arts in History |           |                          |                      |  |
|-----------------------------|-----------|--------------------------|----------------------|--|
| NU GE AREA                  | NU COURSE | NU COURSE TITLE          | PALOMAR COURSE       |  |
| A2                          | ENG 240   | Advanced Composition     | ENG 202 or ENG 203   |  |
|                             |           |                          | AS 101 or AIS 101 or |  |
| Е                           | HIS 220A  | United States History I  | CS 101 or HIST       |  |
|                             |           |                          | 101/140              |  |
|                             |           |                          | AS 102 or AIS 102 or |  |
| Е                           | HIS 220B  | United States History II | CS 102 or HIST       |  |
|                             |           |                          | 102/141              |  |
| D                           | HIS 233   | World Civilizations I    | HIST 107             |  |
| D                           | HIS 234   | World Civilizations II   | HIST 108             |  |

| Bachelor of Arts in Integrative Psychology |           |                              |                |
|--|-----------|------------------------------|----------------|
| NU GE AREA                                 | NU COURSE | NU COURSE TITLE              | PALOMAR COURSE |
|  |           |                              | MATH 120       |
| В  | MTH 210   | Probability and Statistics   | or             |
|  |           |                              | PSYC/SOC 205   |
| Е  | PSY 100   | Introduction to Psychology   | PSYC 100       |
|  | COM 324   | Critical Thinking and Ethics | NONE           |

| Bachelor of Arts in Interdisciplinary Studies |           |                            |                      |
|---|-----------|----------------------------|----------------------|
| NU GE AREA                                    | NU COURSE | NU COURSE TITLE            | PALOMAR COURSE       |
| D   | LIT 100   | Introduction to Literature | ENG 203 or ENG 205   |
|   | ENG 310   | English Grammar            |                      |
| or  | or        | or                         | NONE                 |
| G   | ENG 375   | Nature Writing             |                      |
|   |           |                            | AS 101 or AIS 101 or |
|   |           |                            | CS 101 or HIST       |
|   | HIS 220A  | United States History I    | 101/140              |
| Е   | or        | or                         | OR                   |
|   | HIS 220B  | United States History II   | AS 102 or AIS 102 or |
|   |           | j                          | CS 102 or HIST       |
|   |           |                            | 102/141              |

| Bachelor of Arts in Interdisciplinary Studies with an Inspired Teaching & Learning Preliminary Multiple Subject Teaching Credential (California) |   |                               |                    |  |  |  |
|--|---|-------------------------------|--------------------|--|--|--|
| NU GE AREA   | NU COURSE   | NU COURSE TITLE               | PALOMAR COURSE     |  |  |  |
| D  | LIT 100   | Introduction to Literature    | ENG 203 or ENG 205 |  |  |  |
|  | HIS 410 California History NONE                   |                               |                    |  |  |  |
| В  | MTH 209A  | Fundamentals of Mathematics I | MATH 105           |  |  |  |
| Note: Also offered in S  | Note: Also offered in Sanford School of Education |                               |                    |  |  |  |

| Bachelor of Arts in Psychology |           |                            |                |
|--------------------------------|-----------|----------------------------|----------------|
| NU GE AREA                     | NU COURSE | NU COURSE TITLE            | PALOMAR COURSE |
|                                |           |                            | MATH 120       |
| В                              | MTH 210   | Probability and Statistics | or             |
|                                |           |                            | PSYC/SOC 205   |
| E                              | PSY 100   | Introduction to Psychology | PSYC 100       |

| Bachelor of Arts in Social Sciences with an Inspired Teaching & Learning Preliminary Single Subject Credential (California) |           |                              |                      |  |
|---|-----------|------------------------------|----------------------|--|
| NU GE AREA  | NU COURSE | NU COURSE TITLE              | PALOMAR COURSE       |  |
|   |           |                              | AS 101 or AIS 101 or |  |
| Е   | HIS 220A  | United States History I      | CS 101 or HIST       |  |
|   |           |                              | 101/140              |  |
|   |           |                              | AS 102 or AIS 102 or |  |
| Е   | HIS 220B  | United States History II     | CS 102 or HIST       |  |
|   |           |                              | 102/141              |  |
| D   | HIS 233   | World Civilizations I        | HIST 107             |  |
| D   | HIS 234   | World Civilizations II       | HIST 108             |  |
| Е   | POL 100   | Introduction to Politics     | POSC 100             |  |
| Е   | POL 201   | American Politics            | POSC 102             |  |
| A-G   | SCI 300   | Geography                    | NONE                 |  |
| Е   | ECO 203   | Principles of Microeconomics | ECON 102             |  |
| Е   | ECO 204   | Principles of Macroeconomics | ECON 101             |  |
| Note: Also offered in Sanford School of Education   |           |                              |                      |  |

| Bachelor of Arts in Sociology |           |                            |                |
|-------------------------------|-----------|----------------------------|----------------|
| NU GE AREA                    | NU COURSE | NU COURSE TITLE            | PALOMAR COURSE |
| Е                             | SOC 100   | Principles of Sociology    | SOC 100        |
|                               |           |                            | MATH 120       |
| В                             | MTH 210   | Probability and Statistics | or             |
|                               |           | -                          | PSYC/SOC 205   |

| Bachelor of Arts in Sports Psychology |           |                            |                |
|---------------------------------------|-----------|----------------------------|----------------|
| NU GE AREA                            | NU COURSE | NU COURSE TITLE            | PALOMAR COURSE |
|                                       |           |                            | MATH 120       |
| В                                     | MTH 210   | Probability and Statistics | or             |
|                                       |           |                            | PSYC/SOC 205   |
| E                                     | PSY 100   | Introduction to Psychology | PSYC 100       |

| Bachelor of Arts in Strategic Communications        |         |                           |          |  |
|---|---------|---------------------------|----------|--|
| NU GE AREA NU COURSE NU COURSE TITLE PALOMAR COURSI |         |                           |          |  |
| A1  | ENG 102 | Effective College English | ENG 100  |  |
| A3  | COM 103 | Public Speaking           | SPCH 100 |  |

| Bachelor of Science in Biology |           |                                |                  |
|--------------------------------|-----------|--------------------------------|------------------|
| NU GE AREA                     | NU COURSE | NU COURSE TITLE                | PALOMAR COURSE   |
|                                |           |                                | MATH 120         |
| В                              | MTH 210   | Probability and Statistics     | or               |
|                                |           |                                | PSYC/SOC 205     |
|                                | MTH 215   | College Algebra & Trigonometry | MATH 135         |
|                                | or        | or                             | or               |
| В                              | MTH 216A  | College Algebra I              | MATH 110/126     |
|                                | and       | and                            | and              |
|                                | MTH 216B  | College Algebra II             | MATH 115/127     |
|                                | CHE 141   | General Chemistry 1            |                  |
|                                | CHE 142   | General Chemistry 2            | CHEM 110         |
| F                              | CHE 143   | General Chemistry 3            | and              |
|                                | and       | and                            | CHEM 115         |
|                                | CHE 149A  | General Chemistry Laboratory   |                  |
|                                | CHE 150   | Introductory Organic Chemistry | CHEM 104         |
| F                              | and       | and                            | or               |
|                                | CHE 150A  | Introductory Organic Chem Lab  | CHEM 105         |
|                                | BIO 161   | General Biology 1              |                  |
|                                | BIO 162   | General Biology 2              | BIOL 200         |
| F                              | BIO 163   | General Biology 3              | and              |
|                                | and       | and                            | BIOL 201         |
|                                | BIO 169A  | General Biology Lab            |                  |
|                                | PHS 171   | General Physics 1              |                  |
|                                | PHS 172   | General Physics 2              | PHYS 120 and 121 |
| F                              | PHS 173   | General Physics 3              | or               |
|                                | and       | and                            | PHYS 200 and 201 |
| Nata Camplatian af N           | PHS 179A  | General Physics Lab            |                  |

Note: Completion of NU's BIO 100, 100A, 201, 201A, 202, 202A, 203, and 203A is equivalent to the course sequence BIO 161, 162, 163, 169 for fulfillment of the BS Biology degree

### **COLLEGE OF PROFESSIONAL STUDIES**

| Bachelor of Arts in Digital Media Design |           |                           |                |
|--|-----------|---------------------------|----------------|
| NU GE AREA                               | NU COURSE | NU COURSE TITLE           | PALOMAR COURSE |
| A1                                       | ENG 102   | Effective College English | ENG 100        |
| Е  | COM 220   | Media Literacy            | JOUR 200       |

| Bachelor of Arts in Integrated Marketing Communication |           |                           |                |
|--|-----------|---------------------------|----------------|
| NU GE AREA   | NU COURSE | NU COURSE TITLE           | PALOMAR COURSE |
| A1   | ENG 102   | Effective College English | ENG 100        |
|  | MKT 302A  | Marketing Fundamentals    | NONE           |

| Bachelor of Arts in Management |           |                              |                |
|--------------------------------|-----------|------------------------------|----------------|
| NU GE AREA                     | NU COURSE | NU COURSE TITLE              | PALOMAR COURSE |
| Е                              | ECO 203   | Principles of Microeconomics | ECON 102       |
| E                              | ECO 204   | Principles of Macroeconomics | ECON 101       |
|                                | LAW 204   | Legal Aspects of Business I  | BUS 117        |

| Bachelor of Arts in Pre-Law Studies |           |                              |                |
|-------------------------------------|-----------|------------------------------|----------------|
| NU GE AREA                          | NU COURSE | NU COURSE TITLE              | PALOMAR COURSE |
| A1                                  | ENG 102   | Effective College English    | ENG 100        |
|                                     | SOC 100   | Principles of Sociology      | SOC 100        |
| Е                                   | or        | or                           | or             |
|                                     | PSY 100   | Introduction to Psychology   | PSYC 100       |
| Е                                   | POL 201   | American Politics            | POSC 102       |
| or                                  | or        | or                           | or             |
| D                                   | PHL 100   | Introduction to Philosophy   | PHIL 111       |
|                                     | LAW 200   | Intro to Law & Legal Writing | LS 121         |

| Bachelor of Business Administration |   |   |   |
|-------------------------------------|---|---|---|
| NU GE AREA                          | NU COURSE                                       | NU COURSE TITLE   | PALOMAR COURSE  |
|                                     | MNS 205   | Intro to Quantitative Methods   | MATH 130 or 140 or<br>BUS 204   |
| В                                   | or<br>MTH 210<br>or<br>MTH 215<br>or<br>MTH 220 | or Probability and Statistics or College Algebra & Trigonometry or Calculus I | or<br>MATH 120 or<br>PSYC/SOC 205<br>or<br>MATH 135<br>or<br>MATH 140 |
| Е                                   | ECO 203   | Principles of Microeconomics  | ECON 102  |
| Е                                   | ECO 204   | Principles of Macroeconomics  | ECON 101  |
|                                     | ACC 201   | Financial Accounting Funds.   | ACCT 201  |
|                                     | ACC 202   | Managerial Accounting Funds.  | ACCT 202  |
|                                     | LAW 204   | Legal Aspects of Business I   | BUS 117   |
| Note: MNS 205 must b                | e taken if student does no                      | t have transfer credits for MNS 205 or MTH 2                                  | 10, MTH 215, or MTH 220   |

| Bachelor of Public Administration |           |                               |                 |
|-----------------------------------|-----------|-------------------------------|-----------------|
| NU GE AREA                        | NU COURSE | NU COURSE TITLE               | PALOMAR COUSRE  |
|                                   |           |                               | MATH 130 or 140 |
| В                                 | MNS 205   | Intro to Quantitative Methods | or              |
|                                   |           |                               | BUS 204         |
| E                                 | ECO 203   | Principles of Microeconomics  | ECON 102        |
|                                   | ACC 201   | Financial Accounting Funds.   | ACCT 201        |

| Bachelor of Science in Accountancy |            |                                |                    |
|------------------------------------|------------|--------------------------------|--------------------|
| NU GE AREA                         | NU COURSE  | NU COURSE TITLE                | PALOMAR COURSE     |
|                                    | MNS 205    | Intro to Quantitative Methods  | MATH 130 or 140 or |
| В                                  | or         | or                             | BUS 204            |
|                                    | MTH 215    | College Algebra & Trigonometry | or                 |
|                                    | 1,1111 210 |                                | MATH 135           |
| Е                                  | ECO 203    | Principles of Microeconomics   | ECON 102           |
| Е                                  | ECO 204    | Principles of Macroeconomics   | ECON 101           |
|                                    | LAW 204    | Legal Aspects of Business I    | BUS 117            |
|                                    | ACC 201*   | Financial Accounting Funds.    | ACCT 201           |
|                                    | ACC 202    | Managerial Accounting Funds.   | ACCT 202           |

**Note:** Students must have completed ACC 201 or its equivalent with a minimum grade of "C" within two years of taking any of the following accounting major courses, unless a grade of 75 or better is received on an appropriate challenge exam. \*Eligible for Credit-By-Exam waiver – please contact Faculty Advisor

### **Bachelor of Science in Allied Health**

No Preparatory Courses – Please see NU Catalog for Major Requirements

|            | Bachelor of Science in Clinical Laboratory Science |                                |                |  |  |
|------------|--|--------------------------------|----------------|--|--|
| NU GE AREA | NU COURSE  | NU COURSE TITLE                | PALOMAR COURSE |  |  |
| F          | BIO 161  | General Biology 1              | BIOL 200       |  |  |
|            | BIO 201  | Human Anatomy & Physiol I      |                |  |  |
| F          | and  | and                            | BIOL 210       |  |  |
|            | BIO 201A   | Human Anat & Physiol Lab I     |                |  |  |
|            | BIO 203  | Introductory Microbiology      |                |  |  |
| F          | and  | and                            | BIOL 212       |  |  |
|            | BIO 203A   | Introductory Microbiology Lab  |                |  |  |
|            | CHE 150  | Introductory Organic Chemistry | CHEM 104       |  |  |
| F          | and  | and                            | or             |  |  |
|            | CHE 150A   | Introductory Organic Chem Lab  | CHEM 105       |  |  |
| F          | CHE 141  | General Chemistry 1            | CHEM 110       |  |  |
| F          | CHE 142  | General Chemistry 2            | CHEM 115       |  |  |
|            | CHE 350  | Organic Chemistry I            | NONE           |  |  |
| F          | PHS 104  | Introductory Physics           | PHYS 101       |  |  |

| Bachelor of Science in Computer Science |           |                                |                |
|---|-----------|--------------------------------|----------------|
| NU GE AREA                              | NU COUSRE | NU COURSE TITLE                | PALOMAR COURSE |
| В                                       | MTH 215   | College Algebra & Trigonometry | MATH 135       |
| В                                       | CSC 208   | Calculus for Comp Science I    | MATH 140       |
|   | CSC 209   | Calculus for Comp Science II   | MATH 141       |
| В                                       | CSC 220   | Applied Probability & Stats.   | NONE           |
| D                                       | CSC 242   | Intro to Programming Concepts  | NONE           |
| D                                       | CSC 252   | Programming in C++             | CSCI 222       |
| D                                       | CSC 262   | Programming in JAVA            | CSCI 114       |
|   | CSC 272   | Advanced Programming in JAVA   | NONE           |

|            | Bachelor of Science in Construction Management |                                |                  |  |
|------------|--|--------------------------------|------------------|--|
| NU GE AREA | NU COURSE                                      | NU COURSE TITLE                | PALOMAR COURSE   |  |
| A3         | COM 103  | Public Speaking                | SPCH 100         |  |
| В          | MTH 215  | College Algebra & Trigonometry | MATH 135         |  |
|            | PHS 104  | Introductory Physics           |                  |  |
|            | and  | and                            | PHYS 101         |  |
| F          | PHS 104A                                       | Introductory Physics Lab       |                  |  |
|            | or   | or                             | 01               |  |
|            | PHS 130A                                       | Physics Lab for Engineering    | NONE             |  |
| С          | ILR 260  | Academic Information Literacy  | LT 105 or LT 120 |  |
|            |  |                                | DT 101 and 102   |  |
|            | EGR 219  | Intro to Graphics and Auto CAD | or               |  |
|            |  |                                | ENGR 101 and 102 |  |
|            | EGR 220  | Engineering Mathematics        | NONE             |  |
|            | EGR 225  | Statics & Strength of Material | ENGR 235 and 245 |  |
|            | ACC 201  | Financial Accounting Funds.    | ACCT 201         |  |
|            | CSC 220  | Applied Probability & Stats.   | NONE             |  |

| Bachelor of Science in Criminal Justice Administration |                              |  |        |  |  |
|--|------------------------------|--|--------|--|--|
| NU GE AREA NU COURSE NU COURSE TITLE PALOMAR COURSE    |                              |  |        |  |  |
|  | CJA 229                      | Introduction to Policing   | AJ 100 |  |  |
| Note: Students who are                                 | currently in law enforcement | <b>Note:</b> Students who are currently in law enforcement should contact the Lead Faculty for any potential course waiver |        |  |  |

| Bachelor of Science in Cybersecurity |           |                                |                |
|--------------------------------------|-----------|--------------------------------|----------------|
| NU GE AREA                           | NU COURSE | NU COURSE TITLE                | PALOMAR COURSE |
|                                      | CYB 202   | Introduction to Networking     | CSNT 111       |
|                                      |           |                                | CSNT 122       |
|                                      | CYB 204   | Operating System Fundamentals  | and            |
|                                      |           |                                | CSNT 140       |
|                                      | CYB 206   | Introduction to Cybersecurity  | CSNT 181       |
|                                      | CYB 213   | Data Fundamentals for Cybersec | NONE           |
|                                      | CYB 215   | Fund of Virt and Cloud Comp    | CSNT 150       |
|                                      | CYB 216   | Programming for Cybersecurity  | CSIT 175       |

| Bachelor of Science in Electrical & Computer Engineering |           |                                |                |
|--|-----------|--------------------------------|----------------|
| NU GE AREA   | NU COURSE | NU COURSE TITLE                | PALOMAR COURSE |
| В  | MTH 215   | College Algebra & Trigonometry | MATH 135       |
|  | PHS 104   | Introductory Physics           |                |
|  | and       | and                            | PHYS 101       |
| F  | PHS 104A  | Introductory Physics Lab       |                |
|  | or        | or                             | or             |
|  | PHS 130A  | Physics Lab for Engineering    | NONE           |
| В  | CSC 208   | Calculus for Comp. Science I   | MATH 140       |
|  | CSC 209   | Calculus for Comp. Science II  | MATH 141       |
|  | CSC 220   | Applied Probability & Stats.   | NONE           |
| D  | CSC 242   | Intro to Programming Concepts  | NONE           |
| D  | CSC 252   | Programming in C++             | CSCI 222       |

| Bachelor of Science in Financial Management |                               |  |                         |
|---|-------------------------------|--|-------------------------|
| NU GE AREA                                  | NU COURSE                     | NU COURSE TITLE                            | PALOMAR COURSE          |
| Е   | ECO 203                       | Principles of Microeconomics               | ECON 102                |
| E   | ECO 204                       | Principles of Macroeconomics               | ECON 101                |
|   | ACC 201                       | Financial Accounting Funds.                | ACCT 201                |
|   | ACC 202                       | Managerial Accounting Funds.               | ACCT 202                |
|   | LAW 204                       | Legal Aspects of Business                  | BUS 117                 |
|   |                               |  | MATH 130 or 140         |
| В   | MNS 205                       | Intro to Quantitative Methods              | or                      |
|   |                               |  | BUS 204                 |
| Note: MNS 205 must b                        | e taken if student does not l | have transfer credits for MNS 205 or MTH 2 | 10, MTH 215, or MTH 220 |

| Bachelor of Science in Healthcare Administration |           |                                |                |
|--|-----------|--------------------------------|----------------|
| NU GE AREA                                       | NU COURSE | NU COURSE TITLE                | PALOMAR COURSE |
| G  | COH 100   | Personal Health                | HE 100         |
|  | COH 150   | Healthcare Terminology         | NONE           |
|  | ACC 201   | Financial Accounting Funds.    | ACCT 201       |
|  | ACC 202   | Managerial Accounting Funds.   | ACCT 202       |
|  | PSY 100   | Introduction to Psychology     | PSYC 100       |
| Е  | or        | or                             | or             |
|  | SOC 100   | Principles of Sociology        | SOC 100        |
| В  | BST 322   | Intro to Biomedical Statistics | NONE           |
|  | COH 310   | Culture and Health             | NONE           |
|  | COH 315   | Introduction to Epidemiology   | NONE           |
|  | COH 320   | Chronic & Comm Disease         | NONE           |
|  | COH 321   | Health Behavior                | NONE           |
| Е  | ECO 203   | Principles of Microeconomics   | ECON 102       |
| Е  | ECO 204   | Principles of Macroeconomics   | ECON 101       |
| Е  | SOC 350   | Cultural Diversity             | NONE           |

### **Bachelor of Science in Homeland Security and Emergency Management**

No Preparatory Courses – Please see NU Catalog for Major Requirements

Bachelor of Science in Information Systems

No Preparatory Courses – Please see <u>NU Catalog</u> for Major Requirements

| Bac        | Bachelor of Science in Manufacturing Design Engineering |                                |                  |  |
|------------|---|--------------------------------|------------------|--|
| NU GE AREA | NU COURSE   | NU COURSE TITLE                | PALOMAR COURSE   |  |
| В          | MTH 215   | College Algebra & Trigonometry | MATH 135         |  |
| F          | PHS 104   | Introductory Physics           |                  |  |
|            | and   | and                            | PHYS 101         |  |
| F          | PHS 104A  | Introductory Physics Lab       |                  |  |
| or         | or  | or                             | Of               |  |
|            | PHS 130A*   | Physics Lab for Engineering    | NONE             |  |
| F          | CHE 101   | Introductory Chemistry         |                  |  |
|            | and   | and                            | CHEM 100         |  |
| F          | CHE 101A  | Introductory Chemistry Lab     |                  |  |
| or         | or  | or                             | Of               |  |
| F          | CHE 120A  | Into to Chem Lab for Eng       | NONE             |  |
|            |   |                                | DT 101 and 102   |  |
|            | EGR 219   | Intro to Graphics & Auto CAD   | or               |  |
|            |   |                                | ENGR 101 and 102 |  |
|            | EGR 220   | Engineering Mathematics        | NONE             |  |
|            | EGR 225   | Statics & Strength of Material | ENGR 235 and 245 |  |
|            | EGR 230   | Electrical Circuits & Systems  | ENGR 210         |  |
| В          | CSC 208   | Calculus for Comp. Science I   | MATH 140         |  |
| В          | CSC 220   | Applied Probability & Stats    | NONE             |  |

## Bachelor of Science in Nursing Generic Entry - (B.S.N.) (California) and

### Bachelor of Science in Nursing (B.S.N.) Second Bachelor (California)

Students may submit a Nursing application once they have met all admissions requirements. Completion of admissions requirements does not guarantee acceptance into the Nursing program. Please see the <a href="NU Catalog">NU Catalog</a> for all Admissions Requirements.

| NU AREA | NU COURSE | NU COURSE TITLE                | PALOMAR COURSE   |
|---------|-----------|--------------------------------|------------------|
| A1      | ENG 102   | Effective College English      | ENG 100          |
| A3      | COM 103   | Public Speaking                | SPCH 100         |
| В       | BST 322   | Intro to Biomedical Statistics | NONE             |
| С       | ILR 260   | Information Literacy           | LT 105 or LT 120 |
| Е       | PSY 100   | Introduction to Psychology     | PSYC 100         |
| Е       | SOC 100   | Principles of Sociology        | SOC 100          |
|         | BIO 201   | Human Anatomy & Physiol I      |                  |
| F       | and       | and                            | BIOL 210         |
|         | BIO 201A  | Human Anat & Physiol Lab I     |                  |
|         | BIO 202   | Human Anatomy & Physiol II     |                  |
| F       | and       | and                            | BIOL 211         |
|         | BIO 202A  | Human Anat & Physiol Lab II    |                  |
|         | BIO 203   | Introductory Microbiology      |                  |
| F       | and       | and                            | BIOL 212         |
|         | BIO 203A  | Introductory Microbiology Lab  |                  |

| Bachelor of Science in Nursing (B.S.N.) RN Completion |  |                    |                |  |  |
|---|--|--------------------|----------------|--|--|
| Please see the NU Ca                                  | Please see the NU Catalog for Admissions Requirements. |                    |                |  |  |
| NU AREA   | NU COURSE  | NU COURSE TITLE    | PALOMAR COURSE |  |  |
| Е   | SOC 350  | Cultural Diversity | NONE           |  |  |

## Bachelor of Science in Organizational Leadership No Preparatory Courses – Please see NU Catalog for Major Requirements

| Bachelor of Science in Paralegal Studies                             |           |                                |                     |
|--|-----------|--------------------------------|---------------------|
| NU GE AREA   | NU COURSE | NU COURSE TITLE                | PALOMAR COURSE      |
|  |           |                                | LS 121 and LS 145   |
|  | PLA 200   | Legal Theory & Ethics          | or                  |
|  |           |                                | LS 145 and POSC 121 |
|  | PLX 2100X | Torts                          | LS 261              |
|  | PLA 201   | English for Professionals      | NONE                |
|  | PLX 2101X | Leg Res Wrtg-Briefing/Analysis | LS 105              |
|  | PLX 2102X | Contracts                      | NONE                |
|  | PLX 2103X | Leg Res Wrtg-Legal Memo        | NONE                |
|  | PLA 202   | Property                       | NONE                |
|  | PLA 203   | Leg Res Wrtg-Persuasive Wrtg   | NONE                |
|  | PLX 2105  | Computers & the Law            | LS 110*             |
| *Per Palomar College, course has been terminated effective Fall 2021 |           |                                |                     |

| Bachelor of Science in Public Health |           |                               |                |
|--------------------------------------|-----------|-------------------------------|----------------|
| NU GE AREA                           | NU COURSE | NU COURSE TITLE               | PALOMAR COURSE |
| G                                    | COH 100   | Personal Health               | HE 100         |
| Е                                    | PSY 100   | Introduction to Psychology    | PSYC 100       |
| Е                                    | SOC 100   | Principles of Sociology       | SOC 100        |
|                                      | BIO 201   | Human Anat & Physiol I        |                |
| F                                    | and       | and                           | BIOL 210       |
|                                      | BIO 201A  | Human Anat & Physiol Lab I    |                |
|                                      | BIO 202   | Human Anat & Physiol II       |                |
| F                                    | and       | and                           | BIOL 211       |
|                                      | BIO 202A  | Human Anat & Physiol Lab II   |                |
|                                      | BIO 203   | Introductory Microbiology     |                |
| F                                    | and       | and                           | BIOL 212       |
|                                      | BIO 203A  | Introductory Microbiology Lab |                |
|                                      | HTM 310   | Health Informatics            | NONE           |
| В                                    | BST 322   | Intro to Biomedical Sciences  | NONE           |
| G                                    | COH 317   | Public Health Nutrition       | NONE           |
| G                                    | COH 318   | Drug Use and Abuse            | NONE           |
| G                                    | COH 319   | Human Sexuality               | NONE           |

**Note:** This major has specific General Education requirements. Students should complete the GE requirements listed for this major in the NU catalog instead of the university GE pattern. Some, but not all, of these GE requirements can be completed at **Palomar College** prior to transfer; courses fulfilling those requirements are listed above

### SANFORD COLLEGE OF EDUCATION

| Bachelor of Arts in Early Childhood Development with an Inspired Teaching & Learning Preliminary Multiple Subjects Teaching Credential (California) |           |                              |                |
|---|-----------|------------------------------|----------------|
| NU GE AREA  | NU COURSE | NU COURSE TITLE              | PALOMAR COURSE |
|   | ECE 201   | The Growing Child: Zero to 8 | CHDV 100       |
|   | ECE 210   | Child, Family, School & Com  | CHDV 115       |
|   | ECE 211   | Diversity: Development & Ed  | CHDV 172       |
|   | HED 220   | Health, Nutrition and Safety | NONE           |

| Bachelor of Arts in Early Childhood Education |           |                              |                |
|---|-----------|------------------------------|----------------|
| NU GE AREA                                    | NU COURSE | NU COURSE TITLE              | PALOMAR COURSE |
|   | ECE 201   | The Growing Child: Zero to 8 | CHDV 100       |
|   | ECE 210   | Child, Family, School & Com  | CHDV 115       |
|   | ECE 211   | Diversity: Development & Ed  | CHDV 172       |
|   | HED 220   | Health, Nutrition and Safety | NONE           |

| Bachelor of Arts in English with Single Subject Matter Preparation and an |   |                            |                    |  |
|---|---|----------------------------|--------------------|--|
| <b>Inspired Teach</b>   | Inspired Teaching & Learning Preliminary Single Subject Credential (California) |                            |                    |  |
| NU GE AREA  | NU COURSE   | NU COURSE TITLE            | PALOMAR COURSE     |  |
| A3  | COM 103   | Public Speaking            | SPCH 100           |  |
| С   | ILR 260   | Information Literacy       | LT 105 or LT 120   |  |
| D   | LIT 100   | Introduction to Literature | ENG 203 or ENG 205 |  |
| D   | THR 200   | Theater Arts               | TA 100             |  |
|   | ENG 201   | Fiction Writing I          |                    |  |
| D   | or  | or                         | NONE               |  |
|   | ENG 202   | Poetry Writing I           |                    |  |
| Note: Also offered in College of Letters and Sciences                     |   |                            |                    |  |

| Bachelor of Arts in Interdisciplinary Studies with an Inspired Teaching & Learning Preliminary Multiple Subjects Teaching Credential (California) |          |                               |                    |
|---|----------|-------------------------------|--------------------|
| NU GE AREA NU COURSE NU COURSE TITLE PALOMAR COURSE   |          |                               |                    |
| D   | LIT 100  | Introduction to Literature    | ENG 203 or ENG 205 |
|   | HIS 410  | California History            | NONE               |
| В   | MTH 209A | Fundamentals of Mathematics I | MATH 105           |
| Note: Also offered in College of Letters and Sciences   |          |                               |                    |

| Bachelor of Arts in Social Sciences with an Inspired Teaching & Learning |           |                              |                      |
|--|-----------|------------------------------|----------------------|
| Preliminary Single Subject Credential (California)                       |           |                              |                      |
| NU GE AREA   | NU COURSE | NU COURSE TITLE              | PALOMAR COURSE       |
|  |           |                              | AS 101 or AIS 101 or |
| Е  | HIS 220A  | United States History I      | CS 101 or HIST       |
|  |           |                              | 101/140              |
|  |           |                              | AS 102 or AIS 102 or |
| Е  | HIS 220B  | United States History II     | CS 102 or HIST       |
|  |           |                              | 102/141              |
| D  | HIS 233   | World Civilizations I        | HIST 107             |
| D  | HIS 234   | World Civilizations II       | HIST 108             |
| Е  | POL 100   | Introduction to Politics     | POSC 100             |
| Е  | POL 201   | American Politics            | POSC 102             |
| A-G  | SCI 300   | Geography                    | NONE                 |
| Е  | ECO 203   | Principles of Microeconomics | ECON 102             |
| Е  | ECO 204   | Principles of Macroeconomics | ECON 101             |
| Note: Also offered in College of Letters and Sciences                    |           |                              |                      |

Deanna Bay Articulation Officer National University (858) 642-8382

Articulation Officer Palomar College

Date Signed: 01/21/2022 Date Signed:

Articulation Assessment Based on the Following:

Academic Institution: National University Course Catalog: Volume 84 | 2021-2022

Date: January 2022

National University will accept the following General Education Certifications: California State University (CSU) General Education Certification and the Inter-Segmental General Education Transfer Curriculum (IGETC).

All requirements for CSU General Education and IGETC must be completed and certified prior to transfer to National University. The University will not accept partial certifications. Students transferring with full certifications will be required to take one (1) Upper-Division General Education course at National University in order to fulfil the unit requirement for General Education; typically one (1) to three (3) courses. Students must provide an official transcript with the certification included or provide a separate certification form.

An Articulation Agreement identifies courses National University will accept in transfer. The Articulation Agreement may not include all transferable coursework. All applicable transfer coursework for an Associate's or Bachelor's degree must have a minimum transfer letter grade of "C". Transfer courses may be subject to restrictions such as but not limited to: residency requirements, degree requirements, grades and units earned (refer to the current catalog (84) for details).

Associate of Arts and Associate of Science General Education Requirements: See National University's Current Catalog.

The list above does not encompass all coursework required for degree completion. National University does not grant articulation for lower division (100-200) courses to meet upper division (300-400) content.

Articulation references may be updated or amended at any time.