

General Education Transfer Credit Agreement 2017-2018 Catalog

This articulation agreement describes how courses taken at Contra Costa College will transfer to meet Notre Dame de Namur University requirements for General Education and lower division major preparation. Please note: you do not need to complete all of these requirements before transferring to NDNU.

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| For further information or to make an appointment with a transfer counselor: | 650.508.3600 NDNU Admissions Office |
| Course Descriptions and Major Prerequisites: | http://www.ndnu.edu/catalog |
| More information on Contra Costa College: | http://www.contracosta.edu |

Policy for Awarding Transfer Credit. With the exception of remedial or vocational courses, NDNU accepts credit for courses completed with grade "C" (2.0) or higher at any degree-granting regionally-accredited two-year college or four-year college or university. Courses from California Community Colleges are generally accepted according to the published recommendations for transfer of courses to the California State University system.

| | | |
|-------------|-------------------------|--|
| KEY: | C = Completed Course | <input type="checkbox"/> = A requirement that may be satisfied by a course taught at the transfer institution |
| | IP = In Progress Course | <input checked="" type="checkbox"/> = A requirement for which there is no equivalent course at the transfer institution; or, a course that must be taken at NDNU |

NDNU GENERAL EDUCATION REQUIREMENTS

- 1 Freshman Seminar (3)** Freshmen take the course at NDNU. Waived for students transferring in more than 12 units.

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| AT NDNU; OR WAIVED | <input checked="" type="checkbox"/> C | <input checked="" type="checkbox"/> IP |
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A. FOUNDATION COURSES

18 units

- 1 Lower-division Writing (3)**

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| LD WRIT | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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ENGL 1A, 1C

- 2 World History (6)**

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| HST: A | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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SECTION A: World History (3)

No equivalent course

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| HST: B | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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SECTION B: A second course in World History (above) is required for first-time freshmen, and preferred for transfer students. Transfer students may also satisfy the Section B requirement through one of the following General History courses.

HIST 110, 120, 121, 122, 123, 127; **LARAZ** 125, 127

WORLD HISTORY. First-time Freshmen: Students entering with no college credit at the time of matriculation to NDNU may fulfill this requirement by taking and passing HST 1000 and HST 1010. **Transfer Students:** Students entering with college credit at the time of matriculation to NDNU may transfer a World History course to satisfy the Section A or Section B requirement; or may take an approved general history course to satisfy the Section B requirement. At least (3) of the (6) units required must be in World History. A course in Western Civilization may not be applied to the World History general education requirement, but may transfer for general elective credit.

- 3 Mathematics (3)**

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| MTH | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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MATH 164, 170, 171, 180, 185, 190, 191, 200, 290, 292

- 4 Modern Language/Culture and Language (6 units and completion of Level 2)**

Student must demonstrate language proficiency equivalent to a minimum of one year of study at NDNU by successfully completing Level 2 or higher. All courses used to satisfy the requirement must be in the same language.

LEVEL 1: CHIN 120; JAPAN 120; SPAN 120

LEVEL 2: CHIN 121; JAPAN 121; SPAN 121

LEVEL 3: SPAN 220; SPAN 221, 230, 231

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|---------------|----------------------------|-----------------------------|
| LANG: LEVEL 1 | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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| LANG: LEVEL 2 | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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| LANG: LEVEL 3 | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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MODERN LANGUAGE/CULTURE AND LANGUAGE. Students who have completed the third-year level of one foreign language in high school with a grade of C (2.0) or higher in each term of the third year are exempt from the foreign language requirement. All B.A. and B.F.A. students must satisfy the Modern Language requirement by completing Level 2 as described above, unless eligible for exemption. For majors leading to a B.S. degree, Foreign Culture and Language courses may be substituted for Foreign Language.

B. SOCIAL AND PERSONAL RESPONSIBILITY

9 units

- 1 Philosophy (3)**

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| PHL | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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PHILO 101, 110, 120, 130, 140, 150, 160; **HUMAN** 160, 180

2 Religious Studies (6)

ANTHR 150; PHILO 220

RELIGIOUS STUDIES. Students in day undergraduate programs must take at least three of these units at the upper-division level, and at least one course must be taken at NDNU.

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| REL: AT NDNU | <input checked="" type="checkbox"/> C | <input checked="" type="checkbox"/> IP |
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| REL | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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C. THE INDIVIDUAL, SOCIETY, AND THE ENVIRONMENT

9 units

1 Natural and Physical Sciences (3)

ANTHR 140, 140L*; ASTRO 120; BIOSC 110, 119, 132, 134, 140, 141, 145, 147, 148, 157, 159*, 160, 172; CHEM 119, 120, 121, 226, 227; GEOG 120, 120L*, 126, 130; GEOL 120, 120L*; HED 115; HHS 212, 221; KINS 201; NURS 210, 260; PHYS 110, 110L*, 120, 120H, 121, 121H, 130, 230, 231

*NATURAL AND PHYSICAL SCIENCE/SOCIAL AND BEHAVIORAL SCIENCES. Courses with variable units must meet the 3-unit requirement. Laboratory courses with fewer than 3 units must be combined with the appropriate lecture courses to meet the 3-unit requirement.

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| NSC | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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2 Social and Behavioral Sciences (3)

ADJUS 223, 225; AFRAM 110, 120, 125, 226; ANTHR 130; ECHD 121, 144, 220; ECON 220, 221; GEOG 160; HHS 212; LARAZ 113, 190; POLSC 125, 225; PSYCH 118, 120, 126, 128, 130, 132, 140, 220, 222, 237; SOSOC 140, 296; SOCIO 220, 221, 225, 234, 236, 245, 250; SPCH 122

| | | |
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| SOC | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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3 One Additional Course (3) From Natural/Physical Sciences; Social/Behavioral Sciences; or from Computational Science, below.

COMP 251, 252, 257, 260, 280; ENGIN 170; MATH 185, 200

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| NSC, SOC, or COMPL | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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D. CREATIVE ARTS

9 units

1 Literature (3)

ENG 1036 is the requirement for students who matriculate under catalog year 2016-17 and thereafter. ENG 1040 is the requirement for students who matriculate under catalog year 2015-16 or prior; see advisor for additional information before registration in ENG 1040 transfer course.

ENG 1036: ENGL 1B, 2B

ENG 1040: ENGL 1B, 2B, 210B, 220B, 230B, 250, 274

LITERATURE. **First-time Freshmen:** Students entering as freshmen with no college credit at the time of matriculation to NDNU fulfill this requirement by taking and passing ENG 1036 or an equivalent transfer course. **Transfer Students:** Students entering with college credit at the time of matriculation to NDNU, and nontraditional age students, may satisfy this requirement with an approved transfer course. **All Students** may select from the courses that satisfy ENG 1036 or ENG 1040 to meet the requirement for One Additional Course in the Creative Arts, below. **English Majors** from any catalog year are advised to choose a course that transfers to satisfy the ENG 1036 requirement, above, and two World Literature courses to meet major prerequisite requirements.

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| LIT | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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2 Visual and Performing Arts (3)

A) VISUAL ARTS: ART 117, 118, 124, 125, 132, 133, 134, 140, 141, 146, 158, 159, 161*, 162*, 174, 175, 184, 190, 191, 194, 221A*, 224, 225, 232, 233, 240, 245, 246, 258, 259, 274, 275*; MEDA 130, 152, 153, 161

B) MUSIC: MUS 102, 108, 109*, 114, 119, 120, 121, 150A*, 150B*, 155A*, 155B*, 158*, 159*, 163*, 167*, 170*, 175A*, 175B*, 175C*, 175D*, 176*, 177*, 190A*, 190B*, 191A*, 191B*, 195A*, 195B*, 195C*, 195D*, 222, 223, 250A*, 250B*, 251*, 258*, 259*, 270A*, 270B*

C) THEATRE AND DANCE: DANCE 101, 118A*, 126, 161A*, 161B*, 163A*, 164A*, 164B*, 166A*, 167A*, 169A*, 170A*, 171A*, 172A*; DRAMA 101, 102, 103, 104, 106*, 107, 108, 109, 110, 120, 123, 125, 220*, 230*; ENGL 250

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| VPA | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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3 One Additional Course (3) From the above Creative Arts disciplines

*VISUAL AND PERFORMING ARTS. Students may transfer in one 3-unit course, or a combination of 1- or 2- unit courses to meet the 3-unit VPA requirement. Courses combined to meet the requirement must be in the same genre and must have been completed within a 4-semester period.

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| LIT or VPA | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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E. COMMUNITY ENGAGEMENT AND CULTURAL DIVERSITY

9 units

1 Community Engagement (3) Usually satisfied through the Major requirements

PUBSER 99

COMMUNITY ENGAGEMENT. Additional courses, such as internships, may transfer upon review. A Community Engagement Course engages faculty, students, and community in mutually beneficial collaboration, and requires students to complete at least 15 hours of community work. The Community Engagement Requirement may be double counted with courses from the approved list that also satisfy requirements in other areas of the student's program. This double counting of a class may only be done with the Community Engagement or Cultural Diversity requirements.

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| CE | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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2 Cultural Diversity (6) Generally does not add units; may double-count with a course in the General Education or Major requirements, except Culture and Language.

AFRAM 110, 120, 125, 226; ANTHR 130; ART 118; DRAMA 110; ECHD 144; ENGL 230B, 274; GEOG 130, 160; HHS 222; HIST 110, 122, 123, 127; LARAZ 110, 113, 125, 127, 130, 141, 190; POLSC 225; PSYCH 140, 222; SOCSC 140, 245; SPCH 122

| | | |
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| CDIV | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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| CDIV | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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CULTURAL DIVERSITY. The Cultural Diversity Requirement generally does not add units to a student's program. Rather, it is intended to be fulfilled by choosing courses from the approved list that also satisfy requirements in other areas of the student's program; the exception is that Cultural Diversity courses may not satisfy Culture and Language Requirements for B.S. students. This double counting of a class may only be done with the Community Engagement or Cultural Diversity requirements.

1 HIST 120, 121, 122, 123, 127; LARAZA 127US HST ☐ ^C
☐ ^{IP}

Students who have not completed a United States history course with grade "C" (2.0) or higher for each term in an American high school or an American international school are required to pass one 3-unit course in United States History. Please see catalog for more information.

650.508.3600 NDNU Admissions Office

<http://www.ndnu.edu> <http://www.contra costa.edu>

Articulation Agreement Updated: November 2017

Approved by: Galen Anne Corson, Articulation Officer, gcorson@ndnu.edu

Lower Division Major Preparation: Transfer Credit Agreement 2017-2018 Catalog

Notre Dame de Namur University agrees to accept the Contra Costa College courses listed below in satisfaction of Lower Division Preparation in the following majors. Please note: You do not need to complete all of these requirements before transferring to Notre Dame de Namur University.

Lower-division Preparation for the Major. The undergraduate degree program requires 124 semester units of course credit. The courses shown below constitute lower-division coursework required for the following majors for this catalog year. For a complete description of lower- and upper-division requirements for the major, please refer to the Catalog.

For further information or to make an appointment with a transfer counselor: 650.508.3600 NDNU Admissions Office

Course Descriptions and Major Prerequisites: <http://www.ndnu.edu/catalog>

More information on Contra Costa College: <http://www.contracosta.edu>

| | | | |
|-------------|-------------------------|-------------------------------------|--|
| KEY: | C = Completed Course | <input type="checkbox"/> | = A requirement that may be satisfied by a course taught at the transfer institution |
| | IP = In Progress Course | <input checked="" type="checkbox"/> | = A requirement for which there is no equivalent course at the transfer institution; or, a course that must be taken at NDNU |

ACCOUNTING, B.S.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---|-------------------------|-------|---|---|-------|-------------------------------------|-------------------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| ACC 1216 | Accounting Procedures | 3 | N/A | No equivalent course | | <input type="checkbox"/> | <input type="checkbox"/> |
| ACC 1224 | Financial Accounting | 3 | BUS 186 | Principles of Accounting I | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| ACC 1232 | Managerial Accounting | 3 | BUS 187 | Principles of Accounting II | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| BUS 1000 | Foundations of Business | 3 | BUS 109 | Introduction to Business | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| BUS 1100 | Macroeconomics | 3 | ECON 220 | Intro to Macroeconomics Principles | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| BUS 1108 | Microeconomics | 3 | ECON 221 | Intro to Microeconomics Principles | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>The following is a prerequisite to enrollment in the following courses to satisfy ACCT major requirements: BUS 2224 – Corporate Finance I; BUS 2980 or 2980W – Business Policies/Strategies.</i> | | | | | | | |
| MTH 2502 | Statistics (3) | | MATH 164 | Introduction Probability and Statistics (4) | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

ART, B.A. and ART, B.F.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|--------------------------|-------|---|--|-------|-------------------------------------|-------------------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| ART 1001 | Drawing I | 3 | ART 174 | Drawing/Composition (Beg I) | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| ART 1002 | Drawing II | 3 | ART 175* | Drawing/Composition (Beg II) * | 3* | <input type="checkbox"/> | <input type="checkbox"/> |
| ART 1018 | Life Drawing I | 3 | ART 120 | Figure Drawing I | 3 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ART 1019 | Life Drawing II | 3 | N/A | No equivalent course | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ART 1101 | Two Dimensional Design | 3 | ART 101 | 2-D Foundations in Art | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| ART 1109 | Color and Design | 3 | ART 184 | Pastels and Color Theory | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| ART 1118 | Three Dimensional Design | 3 | ART 102 | 3-D Foundations in Art | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| ART 1127 | Advanced Design | 3 | N/A | No equivalent course | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ART 1201 | Art History Survey | 3 | ART 190 or ART 191 | Hist Art: West Art Prehist/Middle Ages (3) or Hist Art: Ren to Contemp (3) | 3 | <input type="checkbox"/> | <input type="checkbox"/> |

ART AND GRAPHIC DESIGN, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|--------------------------|-------|---|--|-------|-------------------------------------|-------------------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| ART 1001 | Drawing I | 3 | ART 174 | Drawing/Composition (Beg I) | 3* | <input type="checkbox"/> | <input type="checkbox"/> |
| ART 1010 | Drawing with Illustrator | 3 | N/A | No equivalent course | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ART 1018 | Life Drawing I | 3 | ART 120 | Figure Drawing I | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| ART 1101 | Two Dimensional Design | 3 | ART 101 | 2-D Foundations in Art | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| ART 1109 | Color and Design | 3 | ART 184 | Pastels and Color Theory | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| ART 1118 | Three Dimensional Design | 3 | ART 102 | 3-D Foundations in Art | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| ART 1127 | Advanced Design | 3 | N/A | No equivalent course | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ART 1201 | Art History Survey | 3 | ART 190 or ART 191 | Hist Art: West Art Prehist - Middle Ages (3) or Hist Art: Ren to Contemp (3) | 3 | <input type="checkbox"/> | <input type="checkbox"/> |

You do not need to complete all of these GE or Major Requirements before transferring to Notre Dame de Namur University.

BIOLOGICAL SCIENCES

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---|--------------------------------|-------|--|---|-------|---|----|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| BIO 1000 | Science Success Seminar | 2 | N/A | Requirement waived for transfer students. | | | |
| BIO 1101/L | General Biology I/Lab | 3 + 1 | BIOSC 147 | Cell and Molecular Biology | 4 | | |
| BIO 1103/L | General Biology II/Lab | 3 + 1 | BIOSC 145 | Organismal Biology | 4 | | |
| CHE 1202/L | General Chemistry I/Lab | 3 + 1 | CHEM 120 | General College Chemistry | 5 | | |
| CHE 1204/L | General Chemistry II/Lab | 3 + 1 | CHEM 121 | General College Chemistry | 5 | | |
| MTH 1216 | Precalculus with Trigonometry | 4 | N/A | No equivalent course | | | |
| MTH 2502/L | Statistics | 3 | MATH 164 | Intro Probability and Statistics | 4 | | |
| Additional coursework highly recommended for future medical, dental, veterinary medicine, or future graduate students | | | Additional coursework highly recommended for future medical, dental, veterinary medicine, or future graduate students. | | | | |
| PHY 1203/L | College Physics I/Lab (3 + 1) | | PHYS 120/H | General College Physics I/Honors (4) | | | |
| PHY 1205/L | College Physics II/Lab (3 + 1) | | PHYS 121/H; | General College Physics II/Honors (4) | | | |
| MTH 1320 | Calculus I (4) | | MATH 190 | Analytic Geometry and Calculus (5) | | | |

BUSINESS ADMINISTRATION, B.S.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|--|-------------------------|-------|---|---|-------|---|----|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| BUS 1000 | Foundations of Business | 3 | BUS 109 | Introduction to Business | 3 | | |
| BUS 1100 | Macroeconomics | 3 | ECON 220 | Intro to Macroeconomics Principles | 3 | | |
| BUS 1108 | Microeconomics | 3 | ECON 221 | Intro to Microeconomics Principles | 3 | | |
| ACC 1216 | Accounting Procedures | 3 | N/A | No equivalent course | | | |
| ACC 1224 | Financial Accounting | 3 | BUS 186 | Principles of Accounting I | 4 | | |
| ACC 1232 | Managerial Accounting | 3 | BUS 187 | Principles of Accounting II | 4 | | |
| The following is a prerequisite to enrollment in the following courses to satisfy Business Administration major requirements: BUS 2224 – Corporate Finance I; BUS 2305C – Community-Based Research and Statistical Analysis; BUS 2980 or BUS 2980W – Business Policies/Strategies. | | | | | | | |
| MTH 2502 | Statistics (3) | | MATH 164 | Introduction Probability and Statistics (4) | | | |

COMMUNICATION, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|-------------------------------|-------|--|----------------------|-------|---|----|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| COM 1000 | Introduction to Communication | 3 | JRNAL 130 | Mass Communication | 3 | | |
| COM 1001 | Public Relations Principles | 3 | N/A | No equivalent course | | | |
| COM 1008 | Oral Communication | 3 | SPCH 120 | Public Speaking | 3 | | |
| COM 1456L | Media Production Lab | 3 | Complete 3 units from the following: | | | | |
| | | | JRNAL 110A*, 110B*, 11-C*, 110D*, JRNAL 120 (3), JRNAL 122 (3), JRNAL 123 (3), JRNAL 124 (2), JRNAL 161 (3), JRNAL 222 (3), or JRNAL 223 (3) | | | | |

COMPUTER AND INFORMATION SCIENCE, B.S.

Track 1: Software Engineering

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|--|--------------------------------|-------|---|--|-------|---|----|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| CIS 1130 | Foundations / Computer Science | 4 | COMP 257 or | JAVA with Object-Oriented Programming (4) or | 4 | | |
| | | | COMP 251 | Fundamentals of Computer Science C++ (4) | | | |
| CIS 1130/L | Programming Laboratory | 1 | N/A | No equivalent course | | | |
| CIS 1140 | Data Structure and Abstraction | 4 | COMP 252 | Data Structures and Algorithms | 4 | | |
| MTH1320 | Calculus I | 4 | MATH 190 | Analytic Geometry and Calculus | 5 | | |
| MTH1321 | Calculus II | 4 | MATH 191 | Analytic Geometry and Calculus | 4 | | |
| MTH2522 | Probability and Statistics | 4 | N/A | No equivalent course | | | |
| CIS1150* | Computer Organization (4)* | | COMP 280 | Computer Structure and Organization | 4 | | |
| * Select four additional courses from the list of approved Computer and Information Science courses in the NDNU catalog; among these courses, one option is the lower-division CIS 1150. | | | | | | | |

Track 2: Management Information Systems

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|--------------------------------|-------|---|--|-------|--------------------------|--------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| CIS 1130 | Foundations / Computer Science | 4 | COMP 257 or COMP 251 | JAVA with Object-Oriented Programming (4) or Fundamentals of Computer Science C++ (4) | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| CIS 1130/L | Programming Laboratory | 1 | N/A | No equivalent course | | <input type="checkbox"/> | <input type="checkbox"/> |
| CIS 1140 | Data Structure and Abstraction | 4 | COMP 252 | Data Structures and Algorithms | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| BUS 1000 | Foundations of Business | 3 | BUS 109 | Introduction to Business | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| MTH1322 | Applied Calculus | 4 | MATH 180 | Applied Calculus | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| MTH2502 | Statistics | 3 | MATH 164 | Introduction Probability and Statistics | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| MTH2502/L | Excel for Statistics | 1 | N/A | No equivalent course | | <input type="checkbox"/> | <input type="checkbox"/> |

ENGLISH, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|---------------------------------|-------|---|--|-------|--------------------------|--------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| ENG 1030 | First Year Composition | 3 | ENGL 1A or ENGL 1C | Composition and Reading (4) or Critical Thinking and Advanced Composition (3) | 3-4 | <input type="checkbox"/> | <input type="checkbox"/> |
| ENG 1036 | Literary Engagements | 3 | ENGL 1B or ENGL 2B | Composition and Reading: Literature (3) or Critical Thinking through Literature (4) | 3-4 | <input type="checkbox"/> | <input type="checkbox"/> |
| ENG 1040 | Classics of World Literature I | 3 | N/A | No equivalent course | | <input type="checkbox"/> | <input type="checkbox"/> |
| ENG 1041 | Classics of World Literature II | 3 | ENGL 230B | World Literature: 1650 to Present | 3 | <input type="checkbox"/> | <input type="checkbox"/> |

HEALTH SCIENCES, B.S.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|--|-------|---|---|-------|--------------------------|--------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| BIO 1000 | Science Success Seminar | 2 | N/A | Requirement waived for transfer students. | | <input type="checkbox"/> | <input type="checkbox"/> |
| CHE 1200/L | General, Organic, and Biological Chemistry / Lab (3 + 1) | 4 | CHEM 120 or CHEM 121 | General College Chemistry I (5) (preferred), or General College Chemistry II (5) | 5 | <input type="checkbox"/> | <input type="checkbox"/> |
| HSC 1000 | Introduction to Health Sciences | 3 | N/A | No equivalent course | | <input type="checkbox"/> | <input type="checkbox"/> |
| HSC 1002 | Microbes and Diseases | 3 | BIO SC 119 | Microbiology | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| HSC 1005/L | Anatomy and Physiology I / Lab (3 + 1) plus | 4 | BIO SC 132 | Human Anatomy | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| HSC 1006/L | Anatomy and Physiology II / Lab (3 + 1) | 4 | BIO SC 134 | Human Physiology | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 220 | General Psychology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| MTH 2502 | Statistics | 3 | MATH 164 | Introduction Probability and Statistics | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| MTH 2502L, or | Excel for Statistics (1), or | 1 | N/A | No equivalent course | | <input type="checkbox"/> | <input type="checkbox"/> |
| MTH 2503L | SPSS for Statistics (1) | | N/A | No equivalent course | | <input type="checkbox"/> | <input type="checkbox"/> |

HISTORY, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|--|-------|---|--|-------|--------------------------|--------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| HST 1000 | World History I | 3 | N/A | No equivalent course | | <input type="checkbox"/> | <input type="checkbox"/> |
| HST 1010 | World History II | 3 | N/A | No equivalent course | | <input type="checkbox"/> | <input type="checkbox"/> |
| PSC 1000 | Introduction to American Government | 3 | POLSC 125 | Government of the United States | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| PSC 1100 | Introduction to Comparative Government | 3 | POLSC 130 | Intro to Comparative Government and Politics | 3 | <input type="checkbox"/> | <input type="checkbox"/> |

HUMAN SERVICES, B.S.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|----------------------------|-------|---|---------------------------|-------|--------------------------|--------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 220 | General Psychology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| SOC 1001 | Introduction to Sociology | 3 | SOCIO 220 | Introduction to Sociology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |

You do not need to complete all of these GE or Major Requirements before transferring to Notre Dame de Namur University.

KINESIOLOGY, B.S.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---|---|-------|---|--|-------|-------------------------------------|-------------------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| BIO 1101/L | General Biology I/Lab | 3 + 1 | BIOSC 140 | Principles of Biology | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| BIO 1103/L | General Biology II/Lab | 3 + 1 | BIOSC 141 | Principles of Biology | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| MTH 2502 | Statistics | 3 | MATH 164 | Introduction to Probability and Statistics | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 220 | General Psychology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>One Chemistry course from the following. In the case that a lecture course has a separate lab, the lab course is optional.</i> | | | <i>One Chemistry course from the following. In the case that a lecture course has a separate lab, the lab course is optional.</i> | | | <input type="checkbox"/> | <input type="checkbox"/> |
| CHE 1101 | Introductory Chemistry (3) | 3-4 | CHEM 119 | Introductory Chemistry (4) | | <input type="checkbox"/> | <input type="checkbox"/> |
| CHE 1200 | General, Organic, and Biological Chemistry (3) | | N/A | No equivalent course | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| CHE 1200L | General, Organic, and Biological Chemistry Lab (3) (optional) | | N/A | No equivalent course | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| CHE 1202 | General Chemistry I (3) | | CHEM 120 | General College Chemistry (5) | | <input type="checkbox"/> | <input type="checkbox"/> |
| CHE 1202 L | General Chemistry I Lab (1) (optional) | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| CHE 1204 | General Chemistry II | | CHEM 121 | General College Chemistry (5) | | <input type="checkbox"/> | <input type="checkbox"/> |
| CHE 1204 L | General Chemistry II Lab (1) (optional) | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

*Note: CHE 1202, CHE 1202L, CHE 1204, CHE 1204L: recommended for students interested in graduate Physical Therapy and Kinesiology programs.

LIBERAL ARTS, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|----------------------------------|-------|---|--|-------|-------------------------------------|-------------------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| BIO 1009 | Introduction to Biology | 3 | BIOSC 110 | Intro to Biological Science (with lab) | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| PHY 1109 | Introduction to Physical Science | 3 | N/A | No equivalent course | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| PSC 1000 | Introduction American Government | 3 | POLSC 125 | Government of the United States | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 220 | General Psychology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |

LIBERAL STUDIES, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|---|----------------------------------|-------|---|--|-------|-------------------------------------|-------------------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| BIO 1009/1109L | Introduction to Biology with Lab | 3.5 | BIOSC 110 | Intro to Biological Science (with lab) | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| PSC 1000 | Introduction American Government | 3 | POLSC 125 | Government of the United States | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| For Credential students, one course from the following: | | | For Credential students, one course from the following: | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ART 2605 or | Art Education Concepts (3) or | | N/A | Must be taken at NDNU | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| THE 2151 | Children's Theatre (3) | | N/A | Must be taken at NDNU | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| For Non-Credential Students: | | | For Non-Credential Students: | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Three units within the Visual and Performing Arts meeting one of the following criteria: One 3-unit content course, or 3 units in studio/performance or concepts. | | | Three units within the Visual and Performing Arts meeting one of the following criteria: One 3-unit content course, or 3 units in studio/performance or concepts. | | | <input type="checkbox"/> | <input type="checkbox"/> |
| REL 1250 | World Religions | 3 | PHILO 220 | Comparative Religion | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 220 | General Psychology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |

MUSICAL PERFORMANCE, B.F.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | | | |
|--|---|-------|--|---|-------|-------------------------------------|-------------------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| Applied Performance | | | Applied Performance | | | <input type="checkbox"/> | <input type="checkbox"/> |
| 14 units of major instrument and/or vocal coaching, determined by advisement and track are required. Lower-division courses that may satisfy the requirement are: | | | 14 units of major instrument and/or vocal coaching, determined by advisement and track are required. Lower-division courses that may satisfy the requirement are: | | | <input type="checkbox"/> | <input type="checkbox"/> |
| MUS 1600 | Individual Instruction: Voice | 1-4 | MUS 109 | Applied Music: Individual Instruction | 1-7.5 | <input type="checkbox"/> | <input type="checkbox"/> |
| MUS 1605 | Individual Instruction: Piano | .5-4 | MUS 109 | Applied Music: Individual Instruction | 1-7.5 | <input type="checkbox"/> | <input type="checkbox"/> |
| MUS 1607 | Individual Instruction: Collaborative Piano | 1-4 | MUS 109 | Applied Music: Individual Instruction | 1-7.5 | <input type="checkbox"/> | <input type="checkbox"/> |
| MUS 1610 | Individual Instruction: Instrument | 1-4 | MUS 109 | Applied Music: Individual Instruction | 1-7.5 | <input type="checkbox"/> | <input type="checkbox"/> |
| MUS 1615 | Vocal Coaching | .5-1 | N/A | No equivalent course | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Performance and Repertoire | | | Performance and Repertoire | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Eight units of performance and repertoire courses, determined by advisement and track are required. The lower-division courses that may satisfy the requirement are: | | | Eight units of performance and repertoire courses, determined by advisement and track are required. The lower-division courses that may satisfy the requirement are: | | | <input type="checkbox"/> | <input type="checkbox"/> |
| MUS 1000 | Piano/Instrumental Performance and Repertoire | 1 | MUSIC 250A | Intermediate Piano: Classical Repertoire (2.5) or | 2.5 | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | MUSIC 250B | Intermediate Piano: Baroque Repertoire (2.5) | | <input type="checkbox"/> | <input type="checkbox"/> |
| MUS 1005 | Vocal Performance and Repertoire | 1 | N/A | No equivalent course | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

You do not need to complete all of these GE or Major Requirements before transferring to Notre Dame de Namur University.

| Ensembles/Workshop | | | Ensembles/Workshop | | |
|--|--------------------------------|-----|--|-----------------------------------|-----|
| Eight units of ensembles/workshop, determined by advisement and track are required. The lower-division courses that may satisfy the requirement are: | | | Eight units of ensembles/workshop, determined by advisement and track are required. The lower-division courses that may satisfy the requirement are: | | |
| MUS 1050 | Opera Workshop | 1-3 | N/A | No equivalent course | |
| MUS 1063 | Chanteurs Concert Choir | 1 | N/A | No equivalent course | |
| MUS 1065 | Camerata Chamber Ensemble | 1 | N/A | No equivalent course | |
| MUS 1070 | Orchestra | 1 | N/A | No equivalent course | |
| MUS 1120 | Musical Theatre Workshop | 1-4 | N/A | No equivalent course | |
| MUS 1730 | Ensemble | 1-3 | Rehearsal and Performance course in the student's area of emphasis | | 1-3 |
| Musicianship | | | Musicianship | | |
| MUS 1150 | Computer Applications in Music | 3 | N/A | No equivalent course | |
| MUS 1201 | Musicianship | 1 | N/A | No equivalent course | |
| MUS 1200 | Music Theory I | 3 | MUSIC 120 | Music Theory and Musicianship I | 4 |
| MUS 1205 | Music Theory II | 3 | MUSIC 121 | Music Theory and Musicianship II | 4 |
| MUS 1210 | Music Theory III | 3 | MUSIC 222 | Music Theory and Musicianship III | 4 |
| MUS 1215 | Music Theory IV | 3 | MUSIC 223 | Music Theory and Musicianship IV | 4 |
| MUS 1614 | Indiv Instruct: Music Theory | 1-4 | N/A | No equivalent course | |

POLITICAL SCIENCE, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | |
|---------------------------------------|--|-------|---|--|------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units C IP |
| HST 1000 | World History I | 3 | N/A | No equivalent course | |
| HST 1010 | World History II | 3 | N/A | No equivalent course | |
| PSC 1000 | Introduction to American Government | 3 | POLSC 125 | Government of the United States | 3 |
| PSC 1100 | Introduction to Comparative Government | 3 | POLSC 130 | Intro to Comparative Government and Politics | 3 |

PSYCHOLOGY, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | |
|---------------------------------------|----------------------------|-------|---|---|------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units C IP |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 220 | General Psychology | 3 |
| MTH 2502 | Statistics | 3 | MATH 164 or | Introduction Probability and Statistics (4) or | |
| | | | SOCIO 234* | Intro to Statistics in the Social Sciences* (3) | |

*Note: SOCIO 234 does not satisfy the Mathematics General Education requirement at NDNU, but may be an option to meet the statistics major requirement, provided that the student has completed the Math GE requirement through another course. MTH 2502 is highly recommended for students who are going on to graduate school.

SOCIOLOGY, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | CONTRA COSTA COLLEGE EQUIVALENT COURSES | | |
|---------------------------------------|---------------------------|-------|---|---------------------------|------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units C IP |
| SOC 1001 | Introduction to Sociology | 3 | SOCIO 220 | Introduction to Sociology | 3 |
| SOC 1009 | Cultural Anthropology | 3 | ANTHR 130 | Cultural Anthropology | 3 |

650.508.3600 NDNU Admissions Office
<http://www.ndnu.edu> <http://www.contra costa.edu>

Articulation Agreement Updated: November 2017
 Approved by: Galen Anne Corson, Articulation Officer, gcorson@ndnu.edu