

General Education Transfer Credit Agreement 2015-2016 Catalog

This articulation agreement describes how courses taken at West Valley 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 West Valley College: | http://www.westvalley.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.*

| | | |
|-----------------------|---------------------------------------|--|
| AT NDNU; OR WAIVED | <input checked="" type="checkbox"/> C | <input checked="" type="checkbox"/> IP |
|-----------------------|---------------------------------------|--|

A. FOUNDATION COURSES

18 units

- 1 Lower-division Writing (3)**

| | | |
|---------|----------------------------|-----------------------------|
| LD WRIT | <input type="checkbox"/> C | <input type="checkbox"/> IP |
|---------|----------------------------|-----------------------------|

ENGL 1A, 1C

- 2 World History (6)**

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

HIST 5A, 5B

Section B: A second course in World History (above) is required for entering freshmen, and preferred for transfer students. Transfer students may also satisfy the Section B requirement through one of the following General History courses:

HIST 3, 8A, 8B, 12, 14, 16, 17A, 17B/H, 20, 34; WGS 4A

WORLD HISTORY. *Entering Freshman* may fulfill the World History requirement by taking HST 1000 and HST 1010; or by transferring two Section A World History courses. **Transfer students** may fulfill the History requirement by satisfying Section A and Section B History requirements as described in the NDNU catalog. At least (3) of the (6) units required must be in World History. Starting in Fall 2015, Western Civilization courses will not satisfy the Section A or Section B requirement, unless the course appears on a prior articulation agreement with West Valley College, corresponding to the year and term in which the course was taken.

| | | |
|--------|----------------------------|-----------------------------|
| HST: B | <input type="checkbox"/> C | <input type="checkbox"/> IP |
|--------|----------------------------|-----------------------------|

- 3 Mathematics (3)**

| | | |
|-----|----------------------------|-----------------------------|
| MTH | <input type="checkbox"/> C | <input type="checkbox"/> IP |
|-----|----------------------------|-----------------------------|

MATH D, G, 2, 3A, 3B, 4A, 4B, 4C, 10, 10H, 12, 14, 19

- 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: FRNCH 1A; GERM 1A; ITAL 1A; JPNS 1A; PORTG 1A; RUSS 1A; SL 60A; SPAN 1A

LEVEL 2: FRNCH 1B; GERM 1B; ITAL 1B; JPNS 1B; PORTG 1B; RUSS 1B; SL 60B; SPAN 1B

LEVEL 3: FRNCH 2A, 2B, 3A, 3B; GERM 2A, 2B; ITAL 2A, 2B; JPNS 2A, 2B; SPAN 2A, 2B

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.

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|---------------|----------------------------|-----------------------------|
| LANG: LEVEL 1 | <input type="checkbox"/> C | <input type="checkbox"/> IP |
|---------------|----------------------------|-----------------------------|

| | | |
|---------------|----------------------------|-----------------------------|
| LANG: LEVEL 2 | <input type="checkbox"/> C | <input type="checkbox"/> IP |
|---------------|----------------------------|-----------------------------|

| | | |
|---------------|----------------------------|-----------------------------|
| LANG: LEVEL 3 | <input type="checkbox"/> C | <input type="checkbox"/> IP |
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B. SOCIAL AND PERSONAL RESPONSIBILITY

9 units

- 1 Philosophy (3)**

| | | |
|-----|----------------------------|-----------------------------|
| PHL | <input type="checkbox"/> C | <input type="checkbox"/> IP |
|-----|----------------------------|-----------------------------|

PHIL 1, 2, 3, 4, 4H, 5, 12, 16, 21, 22

2 Religious Studies (6)

ANTH 55; ENGL 44; PHIL 4, 4H, 16

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 type="checkbox"/> IP |
| REL | <input type="checkbox"/> C <input type="checkbox"/> IP |

C. THE INDIVIDUAL, SOCIETY, AND THE ENVIRONMENT

9 units

1 Natural and Physical Sciences (3)

ANTHR 1; ASTRO 2*, 2H*, 11, 14, 20, 21, 22; BIO 2, 10, 11, 11H, 12, 13*, 14, 15, 18, 21H, 22, 23, 24, 35, 37, 38, 41, 42, 43, 45, 47, 48, 55, 56, 57; CHEM 1A, 1B, 2, 12A, 12B, 30A, 30B; GEOG 1; GEOL 1A, 1AH, 1B, 2B*, 15; OCEAN 1, 10; PSCI 10, 20, 40; PHYS 2A, 2B, 4A, 4B, 4C, 10, 40

*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.

| | |
|-----|---|
| NSC | <input type="checkbox"/> C <input type="checkbox"/> IP |
|-----|---|

2 Social and Behavioral Sciences (3)

AJ 1, 2, 3, 4, 5, 8; ANTHR 2, 3, 3H, 55; BIO 36; BUS 61; CHS 2, 5; COUNS 50; ECON 1A, 1AH, 1B; GEOG 2, 6; H ED 10; PHIL 5; POLIT 1, 1H, 2, 3, 3H, 4; PSYCH 1, 9, 12, 17, 25, 30; SOC 1, 2, 2H, 3, 20, 28, 40, 45; WGS 1, 3

| | |
|-----|---|
| SOC | <input type="checkbox"/> C <input type="checkbox"/> IP |
|-----|---|

3 One Additional Course (3) From Natural/Physical Sciences; Social/Behavioral Sciences; or from Computational Science, below.

CIS 4A, 4A.1, 4B, 4B.1, 37; MATH 4C, 14, 19; PKMGT 16B, 16C, 16D, 16E

| | |
|-----------------------|---|
| NSC, SOC, or COMPL | <input type="checkbox"/> C <input type="checkbox"/> IP |
|-----------------------|---|

D. CREATIVE ARTS

9 units

1 Literature (3)

ENGL 1B, 5A, 5B, 6A, 6AH, 6B, 6BH, 7A, 7B, 10, 12, 13, 18, 43, 43H, 44, 46, 46H, 47, 48, 48H, 49, 49H; HUMAN 1A, 1B

| | |
|-----|---|
| LIT | <input type="checkbox"/> C <input type="checkbox"/> IP |
|-----|---|

2 Visual and Performing Arts (3)

A) Visual Arts: ARCH 46, 47; ART 1A, 1AH, 1B, 1GH, 1D, 1DH, 1G, 4, 4H, 7, 10, 12A, 12B, 13, 14, 31A, 31B, 31C, 33A, 33C, 35A, 35B, 35C, 35D, 47A, 47B, 47C, 47D, 49A, 49B, 49C, 49D, 55, 60A, 60B, 62A, 62B, 62C, 62D, 81, 85A, 85B; DM/IS 3, 4, 10C, 10D, 14C, 14D, 23, 23B, 99; PHOTO 1, 20B*, 21B*, 49B*, 60, 61*, 62*, 72*, 73*, 74; WS 2

B) Music: MUSIC 1, 1H, 2, 2H, 3A, 3B, 4A, 4B, 5, 9, 10, 14*, 20*, 20A*, 26*, 27*, 30A*, 30B*, 31A*, 31B*, 32A*, 32B*, 32C*, 33A*, 33B*, 36*, 36A*, 36B*, 38B*, 39*, 40A*, 40B*, 40C*, 40D*, 42*, 42B*, 42C*, 42D*, 43A*, 43B*, 44*, 44B*, 44C*, 44D*, 48*, 48A*, 49*, 49B*, 49C*, 49D*, 51A*, 51B*, 51C*, 51D*, 52A*, 54, 55, 61*, 62A*, 63A, 63B, 64, 65A, 65B, 65C, 69

C) Theatre and Dance: ENGL 48, 48H; PE 3.02*, 3.04*, 3.05*, 3.08*, 3.12*, 3.14*, 3.15*, 3.17*, 3.18*, 3.22*, 3.23*, 3.24*, 3.25*, 3.29*, 3.32*, 3.33*, 3.34*, 3.35*, 3.36*, 3.37*; PETH 51, 51H

| | |
|-----|---|
| VPA | <input type="checkbox"/> C <input type="checkbox"/> IP |
|-----|---|

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 |
|---------------|---|

E. COMMUNITY ENGAGEMENT AND CULTURAL DIVERSITY

9 units

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

No equivalent course

COMMUNITY ENGAGEMENT. Additional courses may transfer upon review of the syllabus and other requested documentation. Freshman Year Seminar courses include a community engagement component; in addition, all students must take a 3-unit lower or upper division course designated as a Community Engagement Course. Such a course engages faculty, students, and community in mutually beneficial and respectful collaboration, and requires students to complete at least 15 hours of community work. These interactions address community-identified needs, deepen students' civic and academic learning, enhance community well-being, and enrich the scholarship of the institution.

| | |
|----|---|
| CE | <input type="checkbox"/> C <input type="checkbox"/> IP |
|----|---|

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.

ANTHR 3, 55; ART 7, 10, 12A, 12B, 13, 14; BUS 24; CHS 34A, 34B; COMM 12; COUN 50; ENGL 6A, 6AH, 6B, 6BH, 12, 13, 18, 46; GEOG 2; HIST 3, 8A, 8B, 12, 14, 16, 34; HUMAN 2, 3; MUSIC 55; PHIL 4, 4H, 16, 21; PSYCH 9; SOC 3, 20, 28; WGS 1, 2, 3, 4A

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. For example, COMM 6 – Intercultural Communication, can fulfill (3) units of the Behavioral Science requirement and (3) units of the Cultural Diversity requirement. This double counting of a class may only be done with the Cultural Diversity requirement. Courses in Cultural Diversity may be taken at the lower-division or upper-division level.

| | |
|------|---|
| CDIV | <input type="checkbox"/> C <input type="checkbox"/> IP |
|------|---|

| | |
|------|---|
| CDIV | <input type="checkbox"/> C <input type="checkbox"/> IP |
|------|---|

1 HIST 17A, 17B, 17BH, 8A, 12, 14, 16

| | | |
|--------|--------------------------|--------------------------|
| | C | IP |
| US HST | <input type="checkbox"/> | <input type="checkbox"/> |

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.westvalley.edu>

Articulation Agreement Updated: November 6, 2015
Approved by: Galen Anne Corson, Articulation Officer, gcorson@ndnu.edu

Lower Division Major Preparation: Transfer Credit Agreement 2015-2016 Catalog

Notre Dame de Namur University agrees to accept the West Valley 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 Notre Dame de Namur University 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 West Valley College: <http://www.westvalley.edu>

KEY: C = Completed Course ☐ = A requirement that may be satisfied by a course taught at the transfer institution
 IP = In Progress Course ☒ = 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 | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | | | |
|---------------------------------------|---|-----------|--|--------------------------------------|-----------|-------------------------------------|-------------------------------------|--|
| Course Code | Course Title | SEM/Units | Course Code | Course Title | QTR/Units | C | IP | |
| ACC 1220 | Introduction to Financial Accounting | 3 | ACCTG 10 | Accounting Fundamentals Financial | 5 | <input type="checkbox"/> | <input type="checkbox"/> | |
| ACC 1232 | Managerial Accounting | 3 | ACCTG 11 | Accounting Fundamentals - Managerial | 5 | <input type="checkbox"/> | <input type="checkbox"/> | |
| BUS 1000 | Foundations of Business | 3 | BUS 51 | Introduction to Business | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |
| BUS 1100 | Macroeconomics | 3 | ECON 1A/H | Principles of Macroeconomics | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |
| BUS 1108 | Microeconomics | 3 | ECON 1B/H | Principles of Microeconomics | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |
| BUS 1300 | Community-Based Research and Statistical Analysis | 3 | N/A | No equivalent course | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |

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

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | | | |
|---------------------------------------|--------------------------|-------|--|--|-------|-------------------------------------|-------------------------------------|--|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP | |
| ART 1001 | Drawing I | 3 | ART 31A | Beginning Drawing | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |
| ART 1002 | Drawing II | 3 | ART 31B or ART 31C | Expressive Drawing (3) or Representational Drawing (3) | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |
| ART 1018 | Life Drawing I | 3 | ART 35A | Beginning Life Drawing | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |
| ART 1019 | Life Drawing II | 3 | ART 35B or ART 35C or ART 35D | Intermediate Life Drawing (3) or Intermediate-Advanced Life Drawing (3) or Advanced Life Drawing (3) | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |
| ART 1101 | Two Dimensional Design | 3 | ART 33A | Two Dimensional Design | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |
| ART 1109 | Color and Design | 3 | ART 33C | Color Design | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |
| ART 1118 | Three Dimensional Design | 3 | ART 81 | 3-Dimensional Design | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |
| ART 1127 | Advanced Design | 3 | N/A | No equivalent course | 3 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| ART 1201 | Art History Survey | 3 | ART 1A/H or ART 1B/H | Survey of Western Art I (3) or Survey of Western Art II (3) | 3 | <input type="checkbox"/> | <input type="checkbox"/> | |

ART AND GRAPHIC DESIGN, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|--------------------------|-------|--|-----------------------------------|-------|---|----|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| ART 1001 | Drawing I | 3 | ART 31A | Beginning Drawing | 3 | | |
| ART 1010 | Drawing with Illustrator | 3 | DM/IS 14C | Digital Illustration: Illustrator | 3 | | |
| ART 1018 | Life Drawing I | 3 | ART 35A | Beginning Life Drawing | 3 | | |
| ART 1101 | Two Dimensional Design | 3 | ART 33A | Two Dimensional Design | 3 | | |
| ART 1109 | Color and Design | 3 | ART 33C | Color Design | 3 | | |
| ART 1118 | Three Dimensional Design | 3 | ART 81 | 3-Dimensional Design | 3 | | |
| ART 1127 | Advanced Design | 3 | N/A | No equivalent course | | | |
| ART 1201 | Art History Survey | 3 | ART 1A/H or | Survey of Western Art I (3) or | 3 | | |
| | | | ART 1B/H | Survey of Western Art II (3) | | | |

BIOLOGICAL SCIENCES

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | | |
|---|---|-------|---|---------------------------------------|-------|---|----|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| BIO 1000 | Science Success Seminar | 2 | N/A | No equivalent course | | | |
| BIO 1101/L | General Biology I/Lab | 3 + 1 | BIO 43 | Principles of Cell Biology | 5 | | |
| BIO 1103/L | General Biology II/Lab | 3 + 1 | BIO 41 | Principles of Animal Biology | 5 | | |
| CHE 1204/L | General Chemistry II/Lab | 3 + 1 | CHEM 1B | General Chemistry | 5 | | |
| MTH 1216 | Precalculus with Trigonometry | 4 | MATH 2 | Pre-Calculus Algebra and Trigonometry | 5 | | |
| MTH 2502/L | Statistics | 3 | MATH 10/H | Elementary Statistics | 4 | | |
| One of the following courses with lab: | | | One of the following courses with lab: | | | | |
| CHE 1200/ L | General, Organic, and Bio Chemistry (3+1) | 4 | N/A | No equivalent course | | | |
| CHE 1202/L | General Chemistry I/Lab (3+1) | | CHEM 1A | General Chemistry | 5 | | |
| 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 2A | General Physics | 5 | | |
| PHY 1205/L | College Physics II/Lab | 3 + 1 | PHYS 2B | General Physics | 5 | | |
| MTH 1320 | Calculus I | 4 | MATH 3A | Calculus and Analytical Geometry | 5 | | |

BUSINESS ADMINISTRATION, B.S.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|--------------------------------------|-------|--|--------------------------------------|-------|---|----|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| BUS 1000 | Foundations of Business | 3 | BUS 51 | Introduction to Business | 3 | | |
| BUS 1008 | Building Business Values | 3 | N/A | No equivalent course | | | |
| BUS 1100 | Macroeconomics | 3 | ECON 1A/H | Principles of Macroeconomics | 3 | | |
| BUS 1108 | Microeconomics | 3 | ECON 1B/H | Principles of Microeconomics | 3 | | |
| BUS 1220 | Introduction to Financial Accounting | 3 | ACCTG 10 | Accounting Fundamentals - Financial | 5 | | |
| BUS 1232 | Managerial Accounting | 3 | ACCTG 11 | Accounting Fundamentals - Managerial | 5 | | |
| BUS 1300 | Community Based Research/Statistics | 3 | N/A | No equivalent course | | | |

COMMUNICATION, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|-------------------------------|-------|--|----------------------|-------|---|----|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| COM 1000 | Introduction to Communication | 3 | N/A | No equivalent course | | | |
| COM 1008 | Oral Communication | 3 | COMM 1/1H | Public Speaking | 3 | | |
| COM 1458L | Media Production Lab | 3 | N/A | No equivalent course | | | |

COMPUTER AND INFORMATION SCIENCE, B.S.

Emphasis in Software Engineering

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | |
|---------------------------------------|--------------------------------|-------|--|--|-------|---|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C IP |
| CIS 1130 | Foundations / Computer Science | 4 | CIS 4A.1 or CIS 4A | Computer Programming I (JAVA) (4) or Computer Programming I (C++) (4) | 4 | <input type="checkbox"/> <input type="checkbox"/> |
| CIS 1130/L | Programming Laboratory | 1 | N/A | No equivalent course | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| CIS 1140 | Data Structure and Abstraction | 4 | CIS 4B.1 | Computer Programming II (JAVA) | 4 | <input type="checkbox"/> <input type="checkbox"/> |
| MTH1320 | Calculus I | 4 | MATH 3A | Calculus and Analytical Geometry | 5 | <input type="checkbox"/> <input type="checkbox"/> |
| MTH1321 | Calculus II | 4 | MATH 3B | Calculus and Analytical Geometry | 5 | <input type="checkbox"/> <input type="checkbox"/> |
| MTH2522 | Probability and Statistics | 4 | N/A | No equivalent course | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| CIS1150* | Computer Organization (4)* | | N/A | No equivalent course | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |

* 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.

Emphasis in Management Information Systems

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | |
|---------------------------------------|--------------------------------|-------|--|--|-------|---|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C IP |
| CIS 1130 | Foundations / Computer Science | 4 | CIS 4A.1 or CIS 4A | Computer Programming I (JAVA) (4) or Computer Programming I (C++) (4) | 4 | <input type="checkbox"/> <input type="checkbox"/> |
| CIS 1130/L | Programming Laboratory | 1 | N/A | No equivalent course | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| CIS 1140 | Data Structure and Abstraction | 4 | CIS 4B.1 | Computer Programming II (JAVA) | 4 | <input type="checkbox"/> <input type="checkbox"/> |
| BUS 1000 | Foundations of Business | 3 | BUS 51 | Introduction to Business | 3 | <input type="checkbox"/> <input type="checkbox"/> |
| MTH1322 | Applied Calculus | 4 | MATH 12 | Applied Calculus | 4 | <input type="checkbox"/> <input type="checkbox"/> |
| MTH2502 | Statistics | 3 | MATH 10/H | Elementary Statistics | 3 | <input type="checkbox"/> <input type="checkbox"/> |
| MTH2502/L | Excel for Statistics | 1 | N/A | No equivalent course | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |

HUMAN SERVICES, B.S.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | |
|---------------------------------------|----------------------------|-------|--|---------------------------|-------|---|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C IP |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 1 | General Psychology | 3 | <input type="checkbox"/> <input type="checkbox"/> |
| SOC 1001 | Introduction to Sociology | 3 | SOC 1 | Introduction to Sociology | 3 | <input type="checkbox"/> <input type="checkbox"/> |

KINESIOLOGY, B.S.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | |
|--|---|-------|--|--|-------|---|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C IP |
| BIO 1101/L | General Biology I/Lab | 3 + 1 | BIO 43 | Principles of Cell Biology | 5 | <input type="checkbox"/> <input type="checkbox"/> |
| BIO 1103/L | General Biology II/Lab | 3 + 1 | BIO 41 | Principles of Animal Biology | 5 | <input type="checkbox"/> <input type="checkbox"/> |
| MTH 2502 | Statistics | 3 | MATH 10/H | Elementary Statistics | 4 | <input type="checkbox"/> <input type="checkbox"/> |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 1 | General Psychology | 3 | <input type="checkbox"/> <input type="checkbox"/> |
| One Chemistry course from the following. In the case that a lecture course has a separate lab, the lab course is optional. | | | One Chemistry course from the following. In the case that a lecture course has a separate lab, the lab course is optional. | | | |
| CHE 1101 | Introductory Chemistry (3) | 3-4 | CHEM 2 or CHEM 30 | Introductory Chemistry (4) or Fundamentals of Chemistry (3) | 3-4 | <input type="checkbox"/> <input type="checkbox"/> |
| CHE 1202 | General Chemistry I (3) | | CHEM 1A | General Chemistry | 5 | <input type="checkbox"/> <input type="checkbox"/> |
| CHE 1202 L | General Chemistry I Lab (1) (optional) | | | | | |
| CHE 1204 | General Chemistry II | | CHEM 1B | General Chemistry | 5 | <input type="checkbox"/> <input type="checkbox"/> |
| CHE 1204 L | General Chemistry II Lab (1) (optional) | | | | | |

LIBERAL ARTS, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|----------------------------------|-------|--|-------------------------|-------|--------------------------|--------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| BIO 1009 | Introduction to Biology | 3 | BIO 10 | Introduction to Biology | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| PHY 1109 | Introduction to Physical Science | 3 | PSCI 10 | Physical Science Survey | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| PSC 1000 | Introduction American Government | 3 | POLIT 1/H | American Government | 1 | <input type="checkbox"/> | <input type="checkbox"/> |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 1 | General Psychology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |

LIBERAL STUDIES, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY 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 | BIO 10 | Introduction to Biology | 4 | <input type="checkbox"/> | <input type="checkbox"/> |
| PSC 1000 | Introduction American Government | 3 | POLIT 1/H | American Government | 1 | <input type="checkbox"/> | <input type="checkbox"/> |
| For Credential students, one course from the following: | | 3 | 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: | | 3 | For Non-Credential Students: | | 3 | | |
| 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. | | | | |
| REL 1250 | World Religions | 3 | PHIL 4/H | Patterns in Comparative Religions | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 1 | General Psychology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |

PSYCHOLOGY, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|----------------------------|-------|--|-----------------------|-------|--------------------------|--------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| PSY 1001 | Introduction to Psychology | 3 | PSYCH 1 | General Psychology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| MTH 2502 | Statistics | 3 | MATH 10/H | Elementary Statistics | 4 | <input type="checkbox"/> | <input type="checkbox"/> |

SOCIOLOGY, B.A.

| NDNU LOWER-DIVISION MAJOR PREPARATION | | | WEST VALLEY COLLEGE EQUIVALENT COURSES | | | | |
|---------------------------------------|---------------------------|-------|--|--------------------------------|-------|--------------------------|--------------------------|
| Course Code | Course Title | Units | Course Code | Course Title | Units | C | IP |
| SOC 1001 | Introduction to Sociology | 3 | SOC 1 | Introduction to Sociology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| SOC 1009 | Cultural Anthropology | 3 | ANTHR 3/H | Intro to Cultural Anthropology | 3 | <input type="checkbox"/> | <input type="checkbox"/> |

650.508.3600 NDNU Admissions Office

<http://www.ndnu.edu> <http://www.westvalley.edu>

Articulation Agreement Updated: November 6, 2015
Approved by: Galen Anne Corson, Articulation Officer, gcorson@ndnu.edu