

Academic Curricula and Degree Requirements

Associate Degrees and Certificates

The Associate of Arts and Associate of Science degrees are designed for students who intend to transfer to a four-year college or university, with the transfer of credits subject to receiving institutions policies. Generally, institutions within the state have articulated courses and programs to effect an easy transition.

The Associate of Applied Science degree is designed to provide employment skills for the student. While not intended for transfer, select courses within the degree may transfer depending on the receiving institution. Students planning to transfer to a four-year institution should confer with an advisor regarding transferability.

Certificates in many programs are designed primarily for students not currently pursuing an associate degree. Courses taken as part of a certificate program are accepted toward an associate degree in that field.

All degrees and certificates offered by UNM–Valencia Campus are listed below. This list may not be complete since program development is ongoing. Students should check with their advisor or the instructional division for a current listing.

Associate of Arts

Business Administration

Criminology

Early Childhood Multicultural Education

Education

- Elementary Education Option
- Secondary Education Option

Liberal Arts

Associate of Science

Emergency Medical Services

General Science (including Pre-Professional Course Requirements in the Health Sciences)

Health & Fitness Education

Curricula and Degrees

Associate of Applied Science

Computer-Aided Drafting
Construction Technology
Digital Media Arts
General Studies
Information Technology
Office and Business Technology
Pharmacy Technician

Certificates

Computer-Aided Drafting
Digital Media Arts
Early Childhood Multicultural Education
Education

- Elementary Option
- Secondary Option

Group Fitness Instructor Leadership
Information Technology
Job Skills
Office and Business Technology
Studio Art
Pharmacy Technician

General Education and Program Requirements

Associate degree curricula require a variety of courses to broaden a student's understanding of the world as well as prepare students for employment or advanced study in their fields. Curricula therefore stress the student's major subjects, but also include general education courses.

There are two General Education tracks for students to consider. The first is the UNM Core Curriculum; it is for students who intend to continue their studies with UNM. The other is the Lower-Division General Education Common Core at

Curricula and Degrees

New Mexico's Public Colleges and Universities, which will be referred to as the NM Common Core; it is for students who intend to transfer to other four year colleges in New Mexico, such as New Mexico State University, Eastern New Mexico University, Highlands University, or Western University.

The courses required of each General Education requirements are, for the most part, quite similar. However, there are some significant differences which must be carefully considered. Students are highly encouraged to consult with an advisor prior to selecting any General Education electives.

The University of New Mexico Core Curriculum

Note: Follow this General Education Core if you are continuing your education with the University of New Mexico

The University has adopted a revised Core Curriculum as of Fall 2003 which all undergraduate students must complete as part of their baccalaureate program. The Core consists of several groups of courses designed to enhance each student's academic capabilities. Its goal is to give all students at the University a grounding in the broad knowledge and intellectual values obtained in a liberal arts education and to assure that graduates have a shared academic experience. The required courses encourage intellectual development in seven areas of study: writing and communication; social and behavioral sciences; mathematical reasoning; scientific methods in the physical and natural sciences; the humanities; the fine arts; and languages. The Core consists of lower-division courses which develop these skills and abilities, and students are strongly encouraged to complete the Core early in their college careers. Individual student substitutions should be minimal and are discouraged. Except where noted (see "Alternative Credit Options" in the Undergraduate Admissions section of the UNM Catalog), students may apply AP or CLEP credit to the Core requirements.

Departments and colleges may restrict student choices within the Core to meet departmental and college degree requirements. A grade of C (not C-) is required in all courses used to fulfill the requirements of the Core Curriculum. Courses taken CR/NC can be applied to the core, subject to general University and individual college and department regulations on the number of credits that can be taken CR/NC and the applicability of courses taken CR/NC to the individual degree.

The University recognizes, however, that the highly structured nature of many degree programs and the presence

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of numerous transfer and non-traditional students requires flexibility on its part. Transfer and reentering students will receive advising in the college and department to which they are admitted in order to establish an appropriate program which will meet their needs and the aims of the Core. Where degree program requirements are so structured that a student's total academic program credits would be increased by taking a Core course in a particular Core area, a department may approve a blanket substitution of a course in a particular Core area for all students pursuing an undergraduate degree in that particular program. Approval of substitutions or exceptions is handled on a department and college basis.

The basic Core Curriculum requires approximately 37 hours of courses in seven areas of study.

1. **Writing and Speaking** (9 hours): English (ENGL) 101 and 102 plus an additional course chosen from ENGL 219, 220; Communication and Journalism (CJ) 130; Philosophy (PHIL) 156.
2. **Mathematics:** One course chosen from MATH 121, 129, 150, 162, 163, 180, 181, 215, STAT 145.
3. **Physical and Natural Sciences:** Two courses, one of which must include a laboratory, chosen from Anthropology (ANTH) 1501 and 151L1, 121L1 (lab required), 1601 and 161L1; Astronomy (ASTR) 101 and 101L; Biology (BIOL) 110 and 112L, 123 and 124L, 201 and 202; Chemistry (CHEM) 111L (lab required), 121L (lab required) or 131L1 (lab required), 122L (lab required) or 132L1 (lab required); Earth and Planetary Science (EPS) 101 and 105L, 201L (lab required); Environmental Science (ENVS) 1011 and 102L1; GEOG 1011 and 105L1; Natural Science (NTSC) 261L (lab required), 262L (lab required), 263L (lab required); Physics (PHYS) 1021 and 102L1, 1051, 151 and 151L, 152 and 152L, 1601 and 160L1, 1611 and 161L1.
4. **Social and Behavioral Sciences** (minimum 6 hours): Two courses chosen from American Studies (AMST) 1821, 1851; Anthropology (ANTH) 101, 130; Community and Regional Planning (CRP) 1811; Economics (ECON) 105, 106; Engineering-F (ENGF) 2001; Geography (GEOG) 1021; Linguistics (LING) 101 (AOA Anthropology 110); Political Science (POLS) 110, 200, 2201, 2401; Psychology (PSY) 105; Sociology (SOC) 101.
5. **Humanities** (6 hours): Two courses chosen from American Studies (AMST) 1861; Classics (CLST) 1071, 2041, 2051; Comparative Literature and Cultural Studies (COMP) 2231, 2241; English (ENGL) 150, 2921, 2931; Foreign Languages (MLNG) 1011; History (HIST) 101L, 102L, 161, 162; Honors Legacy Seminars (UHON) at the 1001- and 2001-level; Philoso-

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phy (PHIL) 101, 2011, 2021; Religious Studies (RELG) 107, 2631, 2641.

6. **Foreign Language** (non-English language; minimum 3 hours): One course chosen from any of the lower-division non-English language offerings of the Departments of Linguistics (including Sign Language – SIGN), Spanish (SPAN) and Portuguese, Foreign Languages and Literatures, and foreign languages in other departments and programs.

7. **Fine Arts** (minimum of 3 hours): One course chosen from Architecture (ARCH) 1011; Art History (ARTH) 101, 2011, 2021; Dance (DANCE) 1051; Fine Arts (FA) 2841; Media Arts (MA) 2101; Music (MUSE) 139, 140; Theatre (THEA) 122. Students may elect to take one 3-hour studio course offered by the Departments of Art and Art History, Music, Theatre and Dance, and Media Arts to fulfill this requirement.

¹ These courses are not generally offered at UNM-Valencia.

New Mexico Common Core

Note: Follow this General Education Core if you will be transferring to another four year institution in New Mexico

This list of courses, consisting of 35 credit hours, has been developed by the public colleges and universities of New Mexico as an aid to student transfer between public institutions. Students who contemplate transferring to New Mexico four year colleges other than the University of New Mexico (e.g., New Mexico State University, Eastern New Mexico University, Highlands University, or Western New Mexico University) are advised to select courses consistent with this list in order to assure that their work will apply to future degree requirements. Students should consult campus advisors for help in selecting specific courses.

According to state law, and as detailed in a regulation of the New Mexico Commission on Higher Education, each public university within New Mexico will (a) accept in transfer toward bachelor's degree programs all work completed satisfactorily by a student at another regionally accredited public institution within New Mexico and consistent with this common core and (b) will guarantee application of that work toward graduation requirements for a bachelor's degree. Each university may prescribe additional general education requirements unique to its institution or certain programs, but such requirements must apply equally to students originating their study at that institution.

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The following are the five general areas of the NM Common Core. In each instance the corresponding UNM courses which are offered at UNM Valencia are listed. Corresponding UNM Core Curriculum and non-Core courses offered at UNM-Valencia are listed by each sub-area in italics.

Area I: Communications

Three courses (9 credit hours total) selected from the following:

(a) One course (3-4 credit hours) in college-level English composition.

UNM Core Curriculum: ENGL 101.

(b) One course (3 credit hours) in college-level writing (a second course building on the above).

UNM Core Curriculum: ENGL 102 or ENGL 219.

(c) One course (3 credit hours) in oral communication.

UNM Core Curriculum: CJ 130; non-Core: CJ 221 or CJ 225.

Area II: Mathematics

One course (3 credit hours total) selected from any one of the following:

(a) One course (3 credit hours) in college algebra.

UNM Core Curriculum: MATH 121 or MATH 150.

(b) One course (3 credit hours) in calculus.

UNM Core Curriculum: MATH 162 or MATH 180.

(c) One course (3 credit hours) selected from other college-level mathematics.

UNM Core Curriculum: MATH 129.

Area III: Laboratory Science

Two courses (8 credit hours total), both of which must include a lab, selected from any one or two of the following:

(a) One or two courses (4-8 credit hours) in general biology.

UNM Core Curriculum: BIOL 110/112L or BIOL 123/124L.

(b) One or two courses (4-8 credit hours) in general chemistry.

UNM Core Curriculum: CHEM 111L, CHEM 121L, or CHEM 122L.

(c) One or two courses (4-8 credit hours) in general physics.

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UNM Core Curriculum: PHYS 151/151L or PHYS 152L.

(d) One or two courses (4-8 credit hours) in geology/earth science.

UNM Core Curriculum: EPS 101/105L or EPS 201L.

(e) One or two courses (4-8 credit hours) in astronomy.

UNM Core Curriculum: ASTR 101/101L.

Area IV: Social/Behavioral Sciences

Two or three courses (6-9 credit hours) selected from any two or three of the following:

(a) One course (3 credit hours) in economics (macroeconomics or microeconomics).

UNM Core Curriculum: ECON 105 or ECON 106.

(b) One course (3 credit hours) in introductory political science.

UNM Core Curriculum: POLS 110 or POL SC 200.

(c) One course (3 credit hours) in introductory psychology.

UNM Core Curriculum: PSY 105.

(d) One course (3 credit hours) in introductory sociology.

UNM Core Curriculum: SOC 101.

(e) One course (3 credit hours) in introductory anthropology.

UNM Core Curriculum: ANTH 101 and ANTH 130.

Area V: Humanities and Fine Arts

Two or three courses (6-9 credit hours) selected from any two or three of the following:

(a) One course (3 credit hours) in introductory history survey.

UNM Core Curriculum: HIST 101, HIST 102, HIST 161, or HIST 162.

(b) One course (3 credit hours) in introductory philosophy.

UNM Core Curriculum: PHIL 101, PHIL 156, PHIL 201, PHIL 202, or PHIL 245.

(c) One course (3 credit hours) in Introductory history, theory, or aesthetics of the arts or literature.

UNM Core Curriculum: ARTH 101, ARTH 201, ARTH 202, ENGL 150, ENGL 206, ENGL 211, ENGL 250, MUSE 139, MUSE 140, or THEA 122.

Note: Although Art Studio courses (ARTS) offered by the Department of Art and Art History, Music, Theatre and

Curricula and Degrees

Dance, and the Media Arts program are part of the UNM Core Curriculum, they are not part of the Lower-Division General Education Common Core at New Mexico's Public Colleges and Universities and, consequently, DO NOT fulfill this requirement.

Associate Degree and Certificate Program Requirements

1. Complete the number of credit hours and the specific course requirements as outlined for the degree or certificate.
2. Earn a minimum of 15 credit hours for the degree and/or 9 credit hours for the certificate in residence at UNM–Valencia Campus.
3. Complete all required coursework for the degree or certificate with a minimum 2.0 cumulative grade point average (GPA). Please be aware that UNM and other four year institutions may require a higher GPA for admission to upper division course work. Students are encouraged to consult with an academic advisor for specific requirements in this respect.
4. No basic skills courses (e.g., ENGL 098/099/100, MATH 098/099/100, ACAD 100/101, and SCI 100) are accepted toward the number of credit hours required for graduation.
5. Must receive a grade of "C" or better on all General Education and Degree Core Requirement courses.

Planning For Your Educational Success

Developmental Studies

Program Description

As you proceed through your associate or certificate program you will find that wise planning will save you time, energy, and money. One piece of sound advise in this regard would be to always consult with an academic advisor before deciding on the classes you will sign up for. Taking this precaution will ensure that the courses you take actually apply towards your associate degree or certificate. In addition, academic advisors will keep you abreast of the latest changes to BA/S programs at UNM and other four year institutions.

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It is a fact, however, that most of our students require some form of developmental instruction prior to taking college level classes. Our records indicate that about 70% – 80% of our entering freshman are required to take one or more developmental studies courses in writing, reading, mathematics, science, and academic studies prior to enrollment in a freshman level writing, mathematics, or science class. Although developmental studies courses will not count towards completion of an associate degree or certificate and cannot be transferred to another institution, they are an essential component of your overall success. Consequently, it is essential that students take these courses as early as possible.

Program Requirements

The student's level of preparedness, as evidenced by standardized test scores, will determine which developmental courses are required. For developmental writing courses the sequence is ENGL 098 → ENGL 099 → ENGL 100 → ENGL 101, and for mathematics developmental study courses the sequence is MATH 098 → MATH 099 → MATH 100 → MATH 120 (ENGL 101 and MATH 121 are the first college-level courses in each sequence). The information on the following two pages are based on two possible scenarios (there could be several, of course). The first is for students who place at ENGL 099 and MATH 099 and the second is for students who place in ENGL 100 and MATH 100. If your particular situation is such that you place at a higher level in one area but not the other, then you will need to make appropriate substitutions, but only under the guidance of an academic advisor.

Contact and Advising Information

Information about our developmental studies program please contact Advisement & Counseling @ 505.925.8560 or vcadvise@unm.edu, the chair of the Language & Literature Department, Michelle LeBeau, @ 505.925.8619 or mlebeau@unm.edu, the coordinator of developmental English, Patricia Gillikin, @ 505.925.8609 or gillikin@unm.edu, the chair of the Mathematics & Statistics Department, Mary Robinson, @ 505.925.8622 or maryrobn@unm.edu, the coordinator of developmental mathematics, Julie DePree, @ 505.925.8607 or jdepree@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ 505.925.8601 or rgarcia@unm.edu.

Developmental Studies

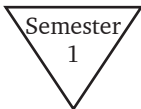
Planning for Your Educational Success

Recommended course sequence for full-time students who need to take both ENGL 099 and MATH 099.

Prerequisites

ENGL 098 or
place into
ENGL 099

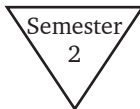
MATH 098 or
place into
MATH 099



ENGL 099
4 credits

ACAD 100
4 credits

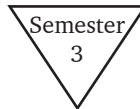
MATH 099
4 credits



ENGL 100
4 credits

ACAD 101
4 credits

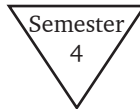
MATH 100
4 credits



ENGL 101
3 credits

MATH 120 or
MATH 111¹
3 credits

Social &²
Behavioral
Sciences or
Fine Arts or
Humanities
Elective
6 credits



ENGL 102
3 credits

Physical
&² Natural
Sciences w/
Lab Elective
4 credits

MATH 121
3 credits

Social &²
Behavioral
Sciences or
Fine Arts or
Humanities
Elective
3 credits

¹ MATH 111 is for elementary education majors.

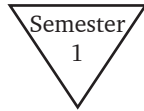
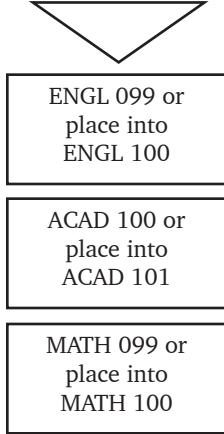
² Please refer to the list of available UNM Core Curriculum course on page 73 and confirm your choice for an elective with an academic advisor.

Developmental Studies

Planning for Your Educational Success

Recommended course sequence for full-time students who need to take both ENGL 100 and MATH 100.

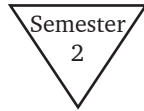
Prerequisites



ENGL 100
4 credits

ACAD 101
4 credits

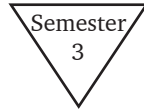
MATH 100
4 credits



ENGL 101
3 credits

MATH 120 or
MATH 111¹
3 credits

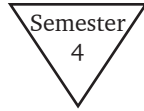
Social &²
Behavioral
Sciences or
Fine Arts or
Humanities
Elective
6 credits



ENGL 102
3 credits

CS 150
3 credits

Physical
&² Natural
Sciences w/
Lab Elective
4 credits



ENGL 219 or
220 or
C&J 130 or
PHIL 156
3 credits

MATH 121 or
112¹
3 credits

Foreign²
Language
Elective
3 credits

Social &²
Behavioral
Sciences or
Fine Arts or
Humanities
Elective
3 credits

¹ MATH 111 and 112 are for elementary education majors.
² Please refer to the list of available UNM Core Curriculum course on page 73 and confirm your choice for an elective with an academic advisor.

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Associate of Arts in Business Administration	82-83	Group Fitness Instructor Leadership Certificate.....	120-121
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Early Childhood Multicultural Education Certificate	90-91	Associate of Applied Science in Digital Media Arts.....	128-129
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Business Administration

Associate of Arts in Business Administration

Program Description

Today's business managers must be prepared to meet the challenges of a rapidly changing business environment. At the UNM–Valencia Campus students are provided the opportunity to complete the first two years of a business administration curriculum in areas such as accounting, business computer systems, finance, human resources, marketing and others. The advantages of beginning studies at Valencia Campus include smaller classes and a team of instructors dedicated to teaching excellence.

Career and Educational Advancement Opportunities

The associate of arts in business administration degree is a transfer program. The curriculum has been carefully articulated with the UNM Anderson Schools of Management to ensure that all successfully completed courses transfer without loss of credit. Students should apply for acceptance to the Anderson Schools of Management one semester prior to transfer. Students must earn a grade of "C" or better in all preadmission course work.

Program Requirements

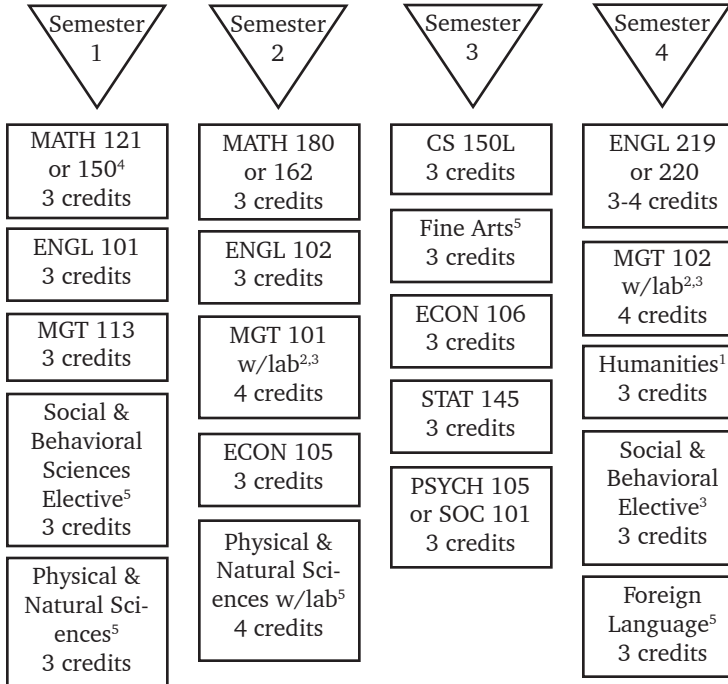
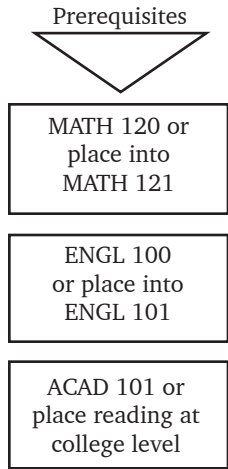
Total credit hours required: 63 (46 hours of general education courses and 17 hours of program-specific courses). Please refer to the University of New Mexico Core Curriculum on pages 72-74 for a list of allowed courses for Physical & Natural Sciences, Humanities, Foreign Language and Fine Arts.

Contact and Advising Information

For more information about the associate of arts in business administration degree please contact Advisement & Counseling @ 505.925.8560 or vcadvise@unm.edu, Cindy Chávez, @ 505.925.8706 or c2chavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ 505.925.8601 or rgarcia@unm.edu.

Associate of Arts Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.



¹ The UNM Core Curriculum requires an additional humanities course. Anderson Schools of Management requires students to complete the remaining course as part of the upperdivision requirement (i.e., 300 and 400-level courses).

² MGT 101/102 are the equivalent of ASM's MGT 202: *Principles of Financial Accounting*.

³ BSM 103 and BSM 104 are corequisites for MGT 101 and MGT 102, respectively, at the Valencia Campus. However, BSM 103 and BSM 104 will not be accepted as transfer credits at UNM-Albuquerque Campus.

⁴ MATH 123 is a co-requisite of MATH 150.

⁵ Students must complete remaining elective courses from the corresponding area of the UNM Core Curriculum.

Business Administration
Certificate Requirements

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Business Administration

Business Administration Certificate

Program Description

Please refer to the associate of arts in business administration degree description (previous) for this program's description.

Career and Educational Advancement Opportunities

As is the case with the associate of arts in business administration, the business administration certificate is a transfer program. The curriculum has been carefully articulated with the UNM Anderson Schools of Management to ensure that all successfully completed courses transfer without loss of credit. Students should apply for acceptance to the Anderson Schools of Management one semester prior to transfer. Students must earn a grade of "C" or better in all preadmission course work.

Program Requirements

Total credit hours required: 33 (19 hours of general education courses and 14 hours of program-specific courses). Please refer to the *University of New Mexico Core Curriculum* on pages 72-73 for a list of allowed courses for *Physical & Natural Sciences, Humanities, Foreign Language, or Fine Arts*.

Contact and Advising Information

Information about the business administration certificate program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the chair of the Business and Technology Division, Cindy Chávez, @ (505) 925-8706 or c2chavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Business Administration

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 120 or
place into
MATH 121

ENGL 100
or place into
ENG 101

ACAD 101 or
place reading at
college level

Semester
1

MATH 121
or 150²
3 credits

ENGL 101
3 credits

MGT 113
3 credits

ECON 105
3 credits

MGT 101¹
w/lab
4 credits

Semester
2

CS 150L
3 credits

PSYCH 105 or SOC 101
3 credits

MGT 102¹
w/lab
4 credits

Physical & Natural Sciences or
Foreign Language or
Fine Arts³
3-4 credits

ENGL 102
3 credits

³¹MGT 101/102 are the equivalent of ASM's MGT 202: *Principles of Financial Accounting*. (BSM 103 and BSM 104 are corequisites for MGT 101 and MGT 102, respectively, at the Valencia Campus. However, BSM 103T and BSM 104T will not be accepted as credits at UNM-Albuquerque Campus).
²MATH 123 is a co-requisite of MATH 150.
³Students must complete remaining elective courses from the corresponding area of the UNM Core Curriculum.

Criminology

Associate of Arts in Criminology

Program Description

The sociology department at UNM offers a specialized program in criminology, designed to give students a comprehensive introduction to the field. Courses focus on the characteristics and causes of crime and deviance and on the origins, nature and consequences of societal reactions to crime and deviance, giving particular attention to the criminal justice system. Basic instruction is also given in sociological theory and research methods.

Career and Educational Advancement Opportunities

The associate of arts in criminology is a transfer program designed to prepare students for completing a BA in criminology. Employment opportunities include careers in corrections, law enforcement, public safety, health service, social work, counseling, sociology, and public administration. Students must earn a grade of "C" or better in all pre-admission course work.

Program Requirements

Total credit hours required: 61 (46 hours of general education courses and 15 hours of program-specific courses).

Please refer to the *University of New Mexico Core Curriculum* on pages 72-74 for a list of allowed courses for *Physical & Natural Sciences*, *Social & Behavioral Sciences*, *Humanities*, *Foreign Language*, and *Fine Arts*.

Contact and Advising Information

Information about the associate of arts in criminology degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Associate of Arts Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 120 or
place into
MATH 121

ENGL 100
or place into
ENGL 101

ACAD 101 or
place reading at
college level

Semester 1

Mathematics¹
3 credits

ENGL 101
3 credits

SOC 101
3 credits

Humanities
Elective³
3 credits

Physical
& Natural
Sciences
Elective⁴
3 credits

Semester 2

Social &
Behavioral
Sciences²
3 credits

ENGL 102
3 credits

SOC 205
3 credits

Fine Arts
Elective⁴
3 credits

Physical &
Natural Sci-
ences w/lab
Elective⁴
4 credits

Semester 3

SOC 211 or
213
3 credits

Fine Arts
Elective⁴
3 credits

SOC 280
3 credits

Humanities
Elective³
3 credits

Social &
Behavioral
Elective²
3 credits

Semester 4

ENGL 219 or
220 or
CJ 130 or
PHIL 156
3 credits

SOC 216
3 credits

Humanities
Elective³
3 credits

Social &
Behavioral
Elective²
3 credits

Foreign
Language
Elective⁴
3 credits

¹Students must complete one course chosen from the UNM Core Curriculum in mathematics. STAT 145 is highly recommended.

²Students must complete two courses chosen from the UNM Core Curriculum in social and behavioral sciences, with the exception of SOC 101, which is part of the Criminology Core Requirements; and one additional social and behavioral science elective not part of the Criminology Core Requirements, e.g., anthropology, economics, political science, psychology or sociology.

³Students must complete two courses chosen from the UNM Core Curriculum in humanities and one additional humanities elective, e.g., literature (not more than 6 credits from any one area in literature), history, philosophy, or religious studies.

⁴Students must complete remaining elective courses from the corresponding area of the UNM Core Curriculum.

Early Childhood Multicultural Ed.

Associate of Arts in Early Childhood Multicultural Education

Program Description

The associate of arts degree in early childhood multicultural education provides students with the knowledge and skills they need to work with children, birth through age eight, and their families in a variety of settings including child care centers, Head Start programs, family child care settings, preschools, and in public schools as early childhood teaching assistants. This degree, plus experience, meets the qualification requirement for director of a child care center as specified in the New Mexico child care facilities licensing regulations.

Career and Educational Advancement Opportunities

The associate of arts degree in early childhood multicultural education degree addresses the seven general early childhood education competency areas required as partial fulfillment of the New Mexico Department of Education licensure in early childhood education (birth to third grade). In addition, all coursework for the associate of arts degree in early childhood multicultural education can be applied toward the baccalaureate degree in early childhood multicultural education offered by the University of New Mexico-Albuquerque Campus. The BA degree in ECME leads to licensure by the State for public school teachers working with children from birth through age eight who are developing both typically and atypically. Students must earn a grade of "C" or better in all preadmission work.

Program Requirements

Total credit hours required: 64 (35 hours of general education courses and 29 hours of program-specific courses). Please refer to the *University of New Mexico Core Curriculum* on pages 72-74 for a list of allowed courses for *Physical & Natural Sciences*, *Social & Behavioral Sciences*, and *Fine Arts*.

Students who intend to transfer to UNM-Albuquerque Campus must also complete a course chosen from the UNM Core Curriculum in *Foreign Language*.

Contact and Advising Information

Information about the associate of arts degree in early childhood multicultural education degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the program's lead faculty, Linda Lawrence, @ (505) 925-8610 or linla@unm.edu, the chair of the Education Department, Jon Conescu, @ (505) 925-8614 or jconescu@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Early Childhood Multicultural Education

Associate of Arts Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites



MATH 100 or
place into MATH
120 or higher

ENGL 100
or place into
ENGL 101

ACAD 101 or
place reading at
college level

Semester 1	Semester 2	Semester 3	Semester 4
MATH 120 ^{1,3} 3 credits	ECME 103 2 credits	ECME 111 3 credits	English or CJ or Linguistics Elective 3 credits
ENGL 101 3 credits	ENGL 102 3 credits	Fine Arts 3 credits	ECME 202 3 credits
ECME 101 3 credits	HIST 161 ² or 162 3 credits	ECME 115 3 credits	ECME 217 ⁵ w/217L 5 credits
HIST 101 ² or 102 3 credits	Fine Arts Elective 3 credits	ECME 117 ⁴ w/117L 5 credits	ECME 220 3 credits
Physical & Natural Sci- ences w/lab Elective ⁴ 4 credits	Physical & Natural Sci- ences w/lab Elective ⁴ 4 credits	Social & ³ Behavioral Sciences Elective 3 credits	ECME 230 2 credits

¹ Advanced level mathematics courses (e.g., MATH 121, 150, 180, or 162) should be substituted in place of MATH 120 for students who place into a higher math course.

² Students who intend to transfer to UNM-Albuquerque Campus must also take HIST 260 and an additional history elective.

³ Students who intend to transfer to UNM-Albuquerque Campus must take an additional course in mathematics and Social & Behavioral Sciences.

⁴ ECME 117L must be taken concurrently with ECME 117—requires working a total of 64 hours during the 16-week semester in an approved child care/education center or school.

⁵ ECME 217L must be taken concurrently with ECME 217—requires working a total of 64 hours during the 16-week semester in an approved child care/education center or school.

Early Childhood Multicultural Ed.
Certificate Requirements

next page

Early Childhood Multicultural Ed.

Early Childhood Multicultural Education Certificate

Program Description

Please refer to the associate of arts degree in early childhood multicultural education degree description (previous page) for this program's description.

Career and Educational Advancement Opportunities

The early childhood multicultural education certificate provides students with the knowledge and skills required to work with children, birth through age eight, and their families in a variety of settings including child care centers, Head Start programs, family child care settings, preschools, and in public schools as early childhood teaching assistants. All coursework for this certificate can be applied toward the associate of arts degree in early childhood multicultural education degree. Students must earn a grade of "C" or better in all preadmission course work.

Program Requirements

Total credit hours required: 38 (12 hours of general education courses and 26 hours of program-specific courses).

Contact and Advising Information

Information about the early childhood multicultural education certificate program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the program's lead faculty, Linda Lawrence, @ (505) 925-8610 or linla@unm.edu, the chair of the Education Department, Jon Conescu, @ (505) 925-8614 or jconescu@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Early Childhood Multicultural Education

Prerequisites

MATH 100 or
place into
MATH 120

ENGL 100
or place into
ENGL 101

ACAD 101 or
place reading at
college level

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Semester 1	Semester 2
MATH 120 ¹ 3 credits	ENGL 102 3 credits
ENGL 101 3 credits	ECME 115 3 credits
ECME 101 3 credits	Social & Behavioral Sciences or Fine Arts Elective ³ 3 credits
ECME 103 2 credits	ECME 217 & 217L ² 5 credits
ECME 111 3 credits	ECME 202 3 credits
ECME 117 & 117L ² 5 credits	ECME 230 2 credits

¹Advanced level mathematics courses (e.g., MATH 121, 150, 180, or 162) should be substituted in place of MATH 120 for students who place into a higher math course.

²Each of the two-credit field experience courses involves working a total of 64 hours during the 16-week semester in an approved early childhood setting. Students who are currently employed in an early childhood program may complete one of the two field experiences at their place of employment.

³Courses must be chosen from the UNM Core Curriculum in Social & Behavioral Sciences or Fine Arts.

Education - Elementary

Associate of Arts in Education – Elementary Education

Program Description

The associate of arts in education, elementary education option, is designed to meet New Mexico state teacher licensure requirements for the first two years of study for prospective K – 8 teachers.

Career and Educational Advancement Opportunities

General education and core requirements will articulate with all New Mexico colleges of education. All courses offered are accepted by the UNM College of Education and apply toward a bachelor of arts or science in education with teacher licensure for elementary or secondary school teaching. Students may also apply this degree to qualify under the No Child Left Behind Act to work as educational assistants in the public schools. Students must earn a grade of “C” or better in all pre-admission course work.

Program Requirements

Total credit hours required: 64 (60 hours of general education courses and 4 hours of program-specific courses).

Contact and Advising Information

Information about the associate of arts in education degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the chair of the Education Department, Jon Conescu, @ (505) 925-8614 or jconescu@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Associate of Arts Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 100 or
place into
MATH 111 or 120

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level

Semester 1	Semester 2	Semester 3	Semester 4
MATH 111 3 credits	MATH 112 3 credits	MATH 215 3 credits	HIST 260 3 credits
ENGL 101 3 credits	ENGL 102 3 credits	MUSE 139 or 140 3 credits	EDUC 183 or ETSS 290 3 credits
CJ 130 or 220 3 credits	ARTH 101 3 credits	HIST 161 or 162 3 credits	History Elective 3 credits
Social & ¹ Behavioral Sciences Elective 3 credits	HIST 101 or 102 3 credits	LING 101 or ENGL 240 3 credits	Social & ¹ Behavioral Sciences Elective 3 credits
Physical & Natural Sciences Elective ² 4 credits	Physical & Natural Sci- ences Elective ² 4 credits	Physical & Natural Sciences Elective ² 4 credits	Foreign Language Elective 3 credits
	EDUC 124 or MATH 193 1 credit		

¹Students must complete 2 courses:
ANTH 101, 130; ECON 105, 106;
GEOG 102*; POL SC 110, 200, 220, 260;
PSYCH 105; SOC 101.

²Students must complete 12 credits:
ASTR 101 & 101L; BIOL 110 & 112L,
BIOL 123 & 124L; CHEM 111L, 121L,
122L; E&PS 101 & 105L, 201L, 250;
ENV SC 101/102L*; NAT SC 261L, 262L,
263L (highly recommended for Element-
ary majors); PHYSCS 151 & 151L,
101/102L*, 152 & 152L, 160 & 160L*,
161 & 161L*.

One course must be a lab designated by
"L."
(*Generally not offered at UNM-Valencia).

Education-Elementary
Certificate Requirements

next page

Education - Elementary

Education Certificate – Elementary Education

Program Description

Please refer to the associate of arts in education - elementary degree option description (previous page) for the education certificate – elementary education option description.

Career and Educational Advancement Opportunities

General education and core requirements will articulate with all New Mexico colleges of education. All courses offered are accepted by the UNM College of Education and apply toward a bachelor of arts or science in education with teacher licensure for elementary or secondary school teaching. Students must earn a grade of “C” or better in all pre-admission course work.

Program Requirements

Total credit hours required: 32 (28 hours of general education courses and 4 hours of program-specific courses).

Contact and Advising Information

Information about the education certificate program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the chair of the Education Department, Jon Conescu, @ (505) 925-8614 or jconescu@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Education - Elementary

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 100 or
place into
MATH 111 or 120

ENGL 100
or place into
ENGL 101

ACAD 101 or
place reading at
college level

Semester
1

MATH 111
3 credits

ENGL 101
3 credits

CJ 130 or 220
3 credits

HIST 101 or 102 or
260
3 credits

ARTH 101 or MUSE 139 or 140
3 credits

EDUC 124 or
MATH 193
1 credit

Semester
2

Social & Behavioral Sciences¹
Elective - 3 credits

Physical & Natural Sciences²
Elective - 4 credits

General
Electives³
3 credits

EDUC 183 or
ETSS 290
3 credits

Foreign Language Elective
3 credits

¹Students must complete 1 course:
ANTH 101, 130; ECON 105, 106;
GEOG 102*; POL SC 110, 200, 220,
240*; PSYCH 105; SOC 101.

²Students must complete 4 credits: ASTR
101 & 101L; BIOL 110 & 112L, BIOL
123 & 124L; CHEM 111L, 121L, 122L;
E&PS 101 & 105L, 201L, 250; ENV SC
101/102L*; NAT SC 261L, 262L, 263L
(highly recommended for Element-
ary majors); PHYSCS 151 & 151L,
101/102L*, 152 & 152L, 160 & 160L*,
161 & 161L*.

³Students must complete one additional
course from 1 or 2 above.
(*Generally not offered at UNM-Valencia).

Education-Secondary
Degree Requirements

next page

Education - Secondary

Associate of Arts in Education – Secondary Education

Program Description

The associate of arts in education - secondary education option, is designed to meet New Mexico state teacher licensure requirements for the first two years of study for prospective 7 – 12 grade teachers.

Career and Educational Advancement Opportunities

General education and core requirements will articulate with all New Mexico colleges of education. All courses offered are accepted by the UNM College of Education and apply toward a bachelor of arts or science in education with teacher licensure for elementary or secondary school teaching. Students may also apply this degree to qualify under the No Child Left Behind Act to work as educational assistants in the public schools. Students must earn a grade of “C” or better in all pre-admission course work.

Program Requirements

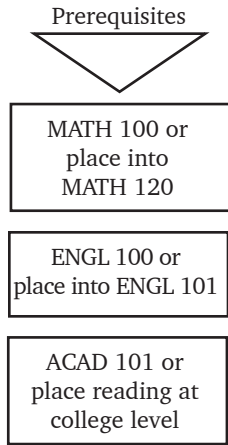
Total credit hours required: 61 (57 hours of general education courses and 4 hours of program-specific courses).

Contact and Advising Information

Information about the associate of arts in education degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the chair of the Education Department, Jon Conescu, @ (505) 925-8614 or jconescu@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Associate of Arts Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.



Semester 1	Semester 2	Semester 3	Semester 4
MATH 120 ¹ 3 credits	STAT 145 3 credits	Social & Behavioral Sciences Elective ² 3 credits	HIST 260 3 credits
ENGL 101 3 credits	ENGL 102 3 credits	MUSE 139 or 140 3 credits	EDUC 183 or ETSS 290 3 credits
CJ 130 or 220 3 credits	ARTH 101 3 credits	HIST 162 3 credits	Social & Behavioral Sciences Elective ² 3 credits
HIST 101 or 102 3 credits	HIST 161 3 credits	LING 101 or ⁴ ENGL Elective 3 credits	Foreign Language Elective 3 credits
Physical & Natural Sciences Elective ³ 4 credits	Physical & Natural Sciences Elective ³ 4 credits	Physical & Natural Sciences Elective ³ 4 credits	
	EDUC 124 or MATH 193 1 credit		

¹Advanced level mathematics courses (e.g., MATH 121, 150, 180, or 162) should be substituted in place of MATH 120 for students who place into a higher math course.

²Students must complete 2 courses: ANTH 101, 130; ECON 105, 106; GEOG 102*; POLS 110, 200, 220*, 240*; PSY 105; SOC 101.

³Students must complete 12 credits: ASTR 101 & 101L; BIOL 110 & 112L, BIOL 123 & 124L; CHEM 111L, 121L, 122L; EPS 101 & 105L, 201L, ENV5 101/102L*; PHYS 151 & 151L, 101/102L*, 152 & 152L, 160 & 160L*, 161 & 161L*.

⁴English elective must be chosen from UNM Core Curriculum in Writing & Speaking or in Humanities. Students are encouraged to select ENGL 240.

(*Generally not offered at UNM-Valencia.)

Education-Secondary
Certificate Requirements

next page

Education - Secondary

Education Certificate – Secondary Education

Program Description

Please refer to the associate of arts in education - elementary degree option description (previous page) for the education certificate – secondary education option description.

Career and Educational Advancement Opportunities

General education and core requirements will articulate with all New Mexico colleges of education. All courses offered are accepted by the UNM College of Education and apply toward a bachelor of arts or science in education with teacher licensure for elementary or secondary school teaching. Students must earn a grade of “C” or better in all pre-admission course work.

Program Requirements

Total credit hours required: 32 (28 hours of general education courses and 4 hours of program-specific courses).

Contact and Advising Information

Information about the education certificate program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the chair of the Education Department, Jon Conescu, @ (505) 925-8614 or jconescu@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Education - Secondary

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 100 or
place into
MATH 120

ENGL 100
or place into
ENGL 101

ACAD 101 or
place reading at
college level

Semester
1

MATH 120¹
3 credits

ENGL 101
3 credits

CJ 130 or 220
3 credits

HIST 161 or 162 or 260
3 credits

ARTH 101 or MUSE 139 or 140
3 credits

EDUC 124 or
MATH 193
1 credit

Semester
2

Social & Behavioral Sciences
Elective² - 3 credits

Physical & Natural Sciences³
Elective - 4 credits

General
Electives⁴
3 credits

EDUC 183 or
ETSS 290
3 credits

Foreign Language Elective
3 credits

¹ Advanced level mathematics courses (e.g., MATH 121, 150, 180, or 162) should be substituted in place of MATH 120 for students who place into a higher math course.

²Students must complete 1 course: ANTH 101, 130; ECON 105, 106; POL SC 110, 200, 220, 260; PSYCH 105; SOC 101.

³Students must complete 12 credits: ASTR 101 & 101L; BIOL 110 & 112L, 122L; E&PS 101 & 105L, 201L, 250; ENV SC 101/102L*; NAT SC 261L, 262L, 263L; PHYSCS 151 & 151L, 101/102L*, 152 & 152L, 160 & 160L*, 161 & 161L*.

⁴Students must complete one additional course from the areas listed above.
(*Generally not offered at UNM-Valencia.)

Liberal Arts

Associate of Arts in Liberal Arts

Program Description

The associate of arts in liberal arts degree is designed to satisfy diverse educational interests. It provides the general curricula of the first two years of baccalaureate study for transfer to four-year institutions or may serve as an end in itself.

Career and Educational Advancement Opportunities

Upon completion of the degree, a student should have taken a number of introductory courses that satisfy the general education requirements of most four-year institutions and should be accepted into the academic department of his or her choice. On the practical level, the student has the opportunity to explore various subjects while considering career choices. Students must earn a grade of "C" or better in all pre-admission course work.

Program Requirements

Total credit hours required: 61 (49 hours of general education courses and 12 hours of general electives courses).

Please refer to the *University of New Mexico Core Curriculum* on pages 72-74 for a list of allowed courses for *Writing & Speaking, Mathematics, Physical & Natural Sciences, Social & Behavioral Sciences, Humanities, Foreign Language, and Fine Arts*.

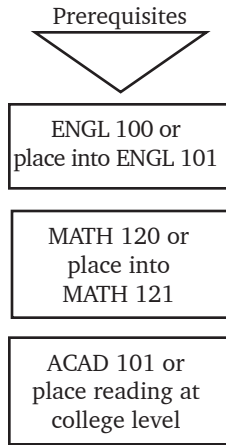
A minimum of 20 credit hours must be completed at the 200 level or above.

Contact and Advising Information

Information about the associate of arts in liberal arts degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Associate of Arts Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.



Semester 1	Semester 2	Semester 3	Semester 4
Mathematics ⁴ 3 credits	Social & Behavioral Sciences Elective ³ 3 credits	Mathematics Elective ⁴ 3 credits	ENGL 219 or 220 or CJ 130 or PHIL 156 3 credits
ENGL 101 3 credits	ENGL 102 3 credits	Fine Arts Elective ⁴ 3 credits	General Electives ² 3 credits
Humanities Elective ¹ 3 credits	Humanities Elective ¹ 3 credits	General Electives ² 3 credits	Humanities ¹ Elective 3 credits
Physical & Natural Sciences Elective ⁴ 3 credits	Fine Arts Elective ⁴ 3 credits	General Electives ² 3 credits	Social & Behavioral Elective ³ 3 credits
General Electives ² 3 credits	Physical & Natural Sciences ⁴ w/lab Elective 4 credits	Social & Behavioral Sciences Elective ³ 3 credits	Foreign Language Elective ⁴ 3 credits

¹Students must complete two courses chosen from the UNM Core Curriculum in humanities and an additional course chosen from the Arts & Sciences Humanities Group Requirements (English, American, foreign, and comparative literature); History; Philosophy (except PHIL 156); Religious Studies; Selected African American Studies; American Studies, Chicano Studies, Native American Studies, or Women Studies.

²Students must complete a minimum of 12 credit hours of electives from any academic field, ideally in the student's planned major or minor, to complete a total of at least 61 credit hours.

³Students must complete two courses chosen from the UNM Core Curriculum in Social & Behavioral Sciences and an additional course chosen from the Arts & Sciences Social & Behavioral Sciences Group Requirements (American Studies, Anthropology, Economics, Geography, Linguistics, Political Science, Psychology & Sociology).

⁴Students must complete remaining elective courses from the corresponding area of the UNM Core Curriculum.

Studio Art

Studio Art Certificate

Program Description

The fine arts program at UNM-Valencia provides students with opportunities to discover art principles and develop their creativity in such subjects as drawing, painting, ceramics, sculpture, and photography. Students also study art to broaden their cultural background and enhance their general education. The studio art certificate program is designed to provide a variety of learning experiences, and courses are planned to meet the needs of all levels of students. The first level of courses is designed for beginning students with little or no experience in fine arts.

Career and Educational Advancement Opportunities

The studio art certificate program provides students with most courses of the first two years of study toward a bachelor's in fine arts at UNM-Albuquerque Campus and most other four-year institutions.

Program Requirements

Total credit hours required: 36 (6 hours of general education courses and 30 hours of program-specific courses).

It is recommended that students interested in pursuing a bachelor of fine arts should follow the associate of arts in liberal arts degree requirements (see page 101).

Contact and Advising Information

Information about the studio art certificate program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the coordinator of the ceramics program, Michael Ceschiat, @ 925-8702 or ceschiat@unm.edu, chair of the Fine Arts Department, David Coker, @ 925-8712 or davidc@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Studio Art

Prerequisites



ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Semester 1	Semester 2	Semester 3
ENGL 101 3 credits	ARTS 121 3 credits	ARTS 122 3 credits
HIST 101 or 102 3 credits	Art Studio Elective 3 credits	ARTS 213 ² 3 credits
ARTH 101 3 credits	ARTS 207 ¹ 3 credits	Art Studio Elective 3 credits
ARTS 106 3 credits	Art History Elective 3 credits	Art Studio Elective 3 credits

¹May be taken as co-requisite with ARTS 121.

²May be taken as co-requisite with ARTS 122.

Associate of Science in Emergency Medical Services

Program Description

The associate of science in emergency medical services degree provides the first two years of study for a student who plans to pursue a bachelor's degree in emergency medical services at UNM-Albuquerque Campus.

Career and Educational Advancement Opportunities

The associate of science in emergency medical services is intended to prepare graduates to meet the professional educational needs of pre-hospital care providers. Upon successful completion of degree requirements and a minimum GPA of 2.33, graduates will be qualified for testing for NM licensure as an EMS provider and are eligible for admission to the UNM School of Medicine Emergency Medical Services Academy Bachelor of Science in Emergency Medical Service program to begin at the 300 level.

Program Requirements

Total credit hours required: 66 (38 hours of general education courses and 28 hours of program-specific science courses). Please refer to the University of New Mexico Core Curriculum on pages 72-74 for a list of allowed courses for Social & Behavioral Sciences, Humanities, Foreign Language and Fine Arts.

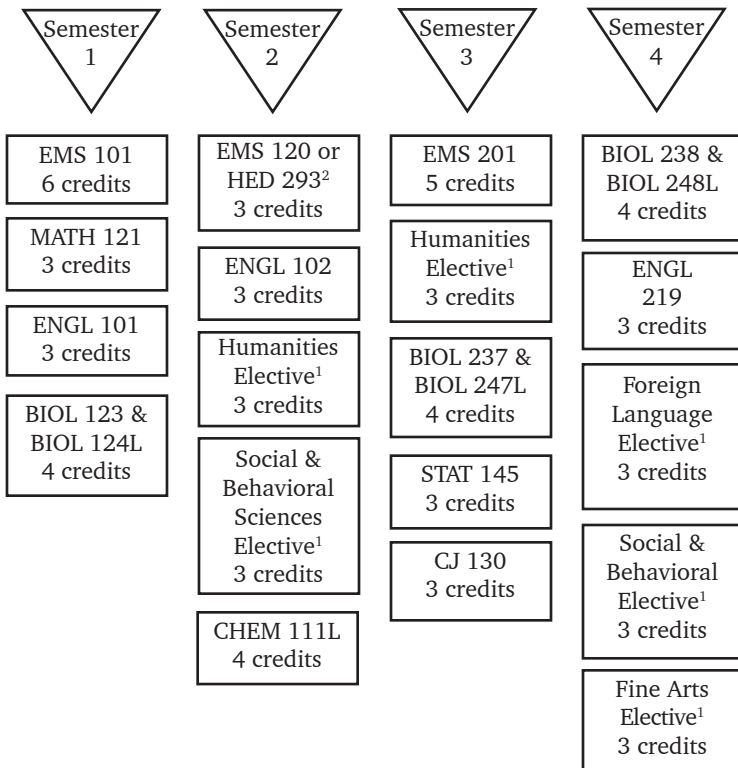
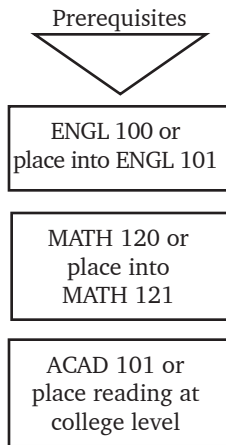
Contact and Advising Information

For more information about the associate of science in emergency medical services degree please contact Advisement & Counseling @ 505.925.8560, or vcadvise@unm.edu, the manager of Community Education, Rita Logan, @ 505.925.8971 or rlogan@unm.edu, or the chair of the Science Department, Miriam Chávez, @ 505.925.8613 or mjchavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ 505.925.8601 or rgarcia@unm.edu.

Emergency Medicine

Associate of Science Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.



¹Students must choose the elective courses from the corresponding area of the UNM Core Curriculum.
²To meet this requirement, HED 293, a topics course, would have to cover an introduction to health occupations with emphasis on EMS.

Degrees & Courses

General Science

Associate of Science in General Science

Program Description

The associate of science in general science degree provides the first two years of study for a student who plans to transfer to a four-year institution to pursue a bachelor's degree in science.

Career and Educational Advancement Opportunities

The associate of science in general science degree program includes many requirements for a bachelor's degree in the fields of biology, chemistry, mathematics, or physics in the UNM College of Arts and Sciences or health occupations such as dental hygiene, medical laboratory sciences, nursing, occupational therapy, pharmacy, physician's assistant programs, and radiography at the UNM–Albuquerque Campus. Students interested in applying to medical school, the physical therapy, or master's in occupational therapy program must first complete a baccalaureate degree. Students planning to transfer to a four-year institution for a baccalaureate degree MUST see an advisor to determine which courses are most appropriate for their major. Completion of this degree does NOT guarantee acceptance into a baccalaureate degree program. Students must earn a grade of "C" or better in all pre-admission course work.

Program Requirements

Total credit hours required: 60 (33-36 hours of general education courses, 12-16 hours of program-specific science courses and 11-19 hours of general electives courses). Please refer to the *University of New Mexico Core Curriculum* on pages 72-74 for a list of allowed courses for *Writing & Speaking, Social & Behavioral Sciences, Humanities, Foreign Language, and Fine Arts*.

Students must complete 11 to 19 credits of electives from among the following areas: astronomy, biology, chemistry, computer sciences, earth and planetary sciences, English writing (ENGL 219 or 220), nutrition (NUTR 244 only), psychology (PSY 105), and physics or other courses. Students are highly encouraged to see an advisor about additional general education requirements.

Contact and Advising Information

Information about the associate of science in general science degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the chair of the Science Department, Miriam Chávez, @ (505) 925-8613 or mjchavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

General Science

Prerequisites

MATH 120 or
place into
MATH 121

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level

Associate of Science Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Semester 1	Semester 2	Semester 3	Semester 4
Mathematics ¹ Sequence 3-4 credits	Mathematics ¹ Sequence 3-4 credits	Mathematics ¹ Sequence 3-4 credits	General Elective 3 credits
ENGL 101 3 credits	ENGL 102 3 credits	General Elective ³ 3 credits	General Elective ³ 3 credits
General Elective ³ 3 credits	Fine Arts Elective ³ 3 credits	Humanities Elective 3 credits	General ² Science Core Sequence 4 credits
General ² Science Core Sequence 4 credits	Humanities Elective 3 credits	ENGL 219 or 220 or CJ 130 or PHIL 156 3 credits	Social & Behavioral Sciences Elective ³ 3 credits
Social & Behavioral Sciences Elective ³ 3 credits	General ² Science Core Sequence 4 credits	General ² Science Core Sequence 4 credits	Foreign Language Elective ³ 3 credits

¹Students must complete one of the following Mathematics course sequences:
Sequence 1: MATH 121, 180, 181
Sequence 2: MATH 123, 150, 162 (Physics majors must follow sequence 2.)
Sequence 3: MATH 120, STAT 145

²Students must complete one sequence from two of the following areas to total 12- 16 credits:

Biology Area:

Sequence 1: BIOL 201L, 202L
Sequence 2: BIOL 123, 124L

Chemistry Area:

Sequence 1: CHEM 121L, 122L
Sequence 2: CHEM 111L or 121L, 212

Physics Area:

Sequence 1: PHYS 151L, 152L
Sequence 2: PHYS 160L, 161L (PHYS 160/161 are not generally offered at UNM Valencia.)

³Students must complete the elective courses from the corresponding area of the UNM Core Curriculum.

Medical Sciences at UNM-Valencia

Pre-Professional Courses Offered in the Medical Sciences at UNM-Valencia (as part of the Associate of Science in General Science)

Course Sequence Description

As stated in the description for the associate of science in general science on page 107, students who want to major in a health science, such as nursing, pharmacy, dental hygiene, nuclear medicine imaging, radiography, physician's assistant, physical or occupational therapy, may apply their associate's degree requirements towards a degree in the areas mentioned. In an attempt to better guide the student, a list of courses offered here at the UNM-Valencia Campus that can be applied in each of various health professions is provided. Not all courses listed are required for admission to a program. Students are cautioned, however, to meet with a Student Services or science faculty advisor to ensure that the courses taken apply towards a particular health profession.

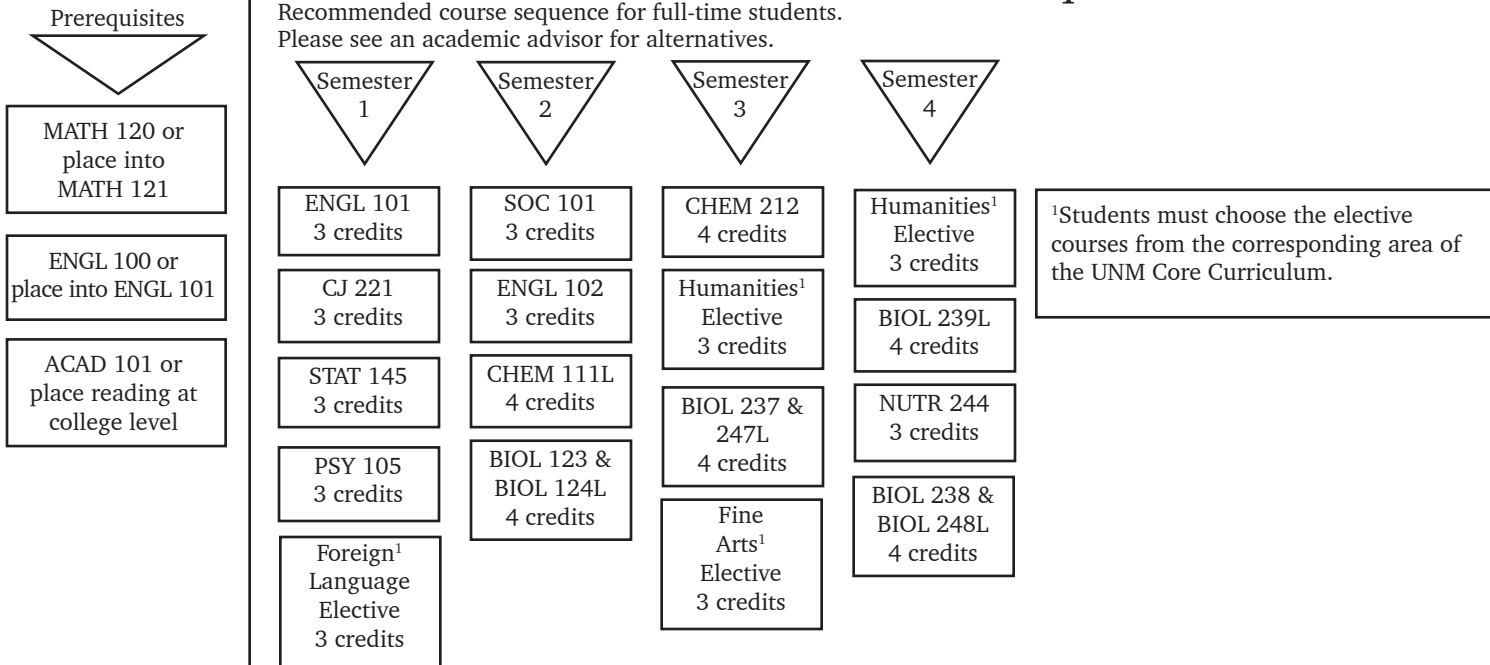
Contact and Advising Information

Information about the associate of science in general science degree program and pre-professional courses in the medical sciences at UNM-Valencia is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the chair of the Science Department, Miriam Chávez, @ (505) 925-8613 or mjchavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Dental Hygiene

Pre-Professional Medical Sciences Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.



Medical Laboratory Sciences

Pre-Professional Medical Sciences Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 120 or
place into
MATH 121

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level

Semester 1	Semester 2	Semester 3	Semester 4
ENGL 101 3 credits	MATH 121 3 credits	CHEM 122L 4 credits	BIOL 238 & BIOL 248L ² 4 credits
CJ 221 or 225 3 credits	ENGL 102 3 credits	Humanities Elective ¹ 3 credits	Humanities Elective ¹ 3 credits
STAT 145 3 credits	CHEM 121L 4 credits	BIOL 237 ² 3 credits	BIOL 239L 4 credits
MGT 113 3 credits	BIOL 123 & BIOL 124L 4 credits	Fine Arts Elective ¹ 3 credits	CHEM 212 4 credits
Social & Behavioral Sciences Elective ¹ 3 credits	Social & Behavioral Sciences Elective ¹ 3 credits	Foreign Language Elective ¹ 3 credits	

¹Students must choose the elective courses from the corresponding area of the UNM Core Curriculum.
²BIOL 247L and BIOL 248L (anatomy & physiology labs) are not required at UNM for a degree in Medical Laboratory Sciences, but they are highly recommended.

Nuclear Medicine Imaging

Pre-Professional Medical Sciences Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 121 or
place into
MATH 123

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level

Semester 1	Semester 2	Semester 3	Semester 4
ENGL 101 3 credits	PHYS 151 3 credits	CHEM 122L or 212 4 credits	BIOL 238 & 248L 4 credits
CS 150 3 credits	ENGL 102 3 credits	BIOL 237 & BIOL 247L 4 credits	PHIL 102 or PHIL 245 3 credits
MATH 123 3 credits	CHEM 121L 4 credits	ECON 105 3 credits	BIOL 239L 4 credits
MATH 150 3 credits	PSY 105 3 credits	Humanities, Fine Arts or Foreign Language Elective ¹ 3 credits	ECON 106 3 credits
CJ 221 3 credits	BIOL 123 & BIOL 124L 4 credits	Humanities, Fine Arts or Foreign Language Elective ¹ 3 credits	ENGL 219 3 credits
Humanities, Fine Arts or Foreign Language Elective ¹ 3 credits			

¹Students must choose the elective courses from the corresponding area of the UNM Core Curriculum.

Pre-Professional Medical Sciences Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

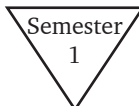
Prerequisites



MATH 120 or
place into
MATH 121

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level

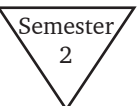


ENGL 101
3 credits

STAT 145
3 credits

CS 150³
3 credits

Social &
Behavioral
Sciences
Elective
3 credits

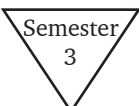


ENGL 102
3 credits

CHEM 111L
4 credits

BIOL 123
& 124L
4 credits

Writing &
Speaking
Elective
3 credits



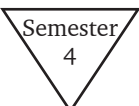
Fine Arts
Elective¹
3 credits

Humanities
Elective¹
3 credits

BIOL 237 &
BIOL 247L²
4 credits

Social &
Behavioral
Sciences
Elective¹
3 credits

Foreign
Language
Elective¹
3 credits



BIOL 238 &
BIOL 248L²
4 credits

Humanities
Elective¹
3 credits

BIOL 239L
4 credits

NUTR 244
3 credits

¹Students must choose the elective courses from the corresponding area of the UNM Core Curriculum.

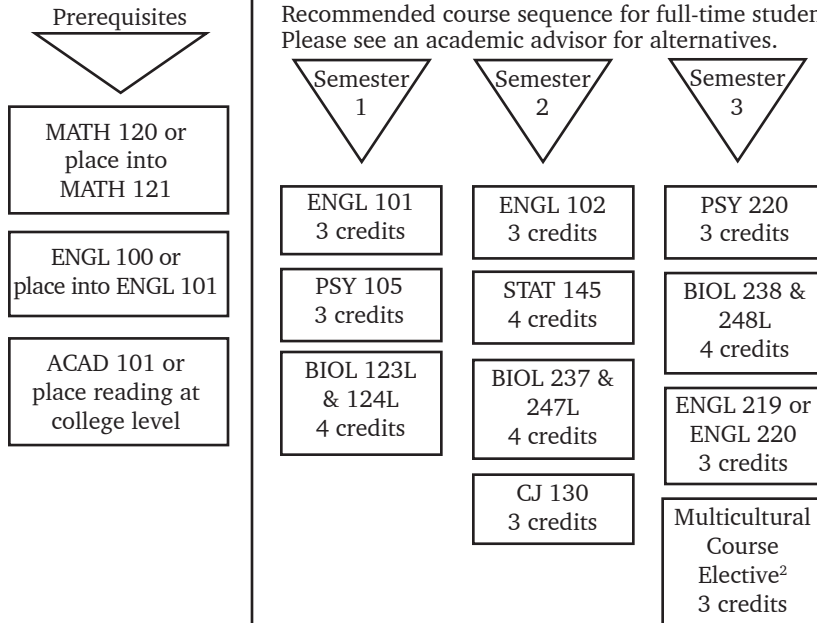
²BIOL 247L and BIOL 248L (anatomy & physiology labs) are not required at UNM for a degree in BSN, but they are highly recommended.

³CS 150 is not required for a BSN, but it is highly recommended.

Occupational Therapy¹

Pre-Professional Medical Sciences Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.



¹The Occupational Therapy program is a master's degree program.
²The student must choose the multicultural course elective from any of the following disciplines: anthropology, ethnic studies, fine arts, history, sociology, or women's studies.

Pre-Professional Medical Sciences Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 121 or
place into
MATH 123¹

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level

Semester 1	Semester 2	Semester 3	Semester 4
ENGL 101 3 credits	STAT 145 3 credits	MATH 180 3 credits	BIOL 238 3 credits
MATH 123 3 credits	ENGL 102 3 credits	CHEM 122L 4 credits	BIOL 239L 4 credits
MATH 150 3 credits	CHEM 121L 4 credits	BIOL 237 3 credits	Elective 3 credits
ECON 106 3 credits	BIOL 123 & 124L 4 credits	CJ 130 or 221 3 credits	Elective 3 credits
	PHYS 151 ¹ 3 credits		Critical ² Thinking Elective 3 credits

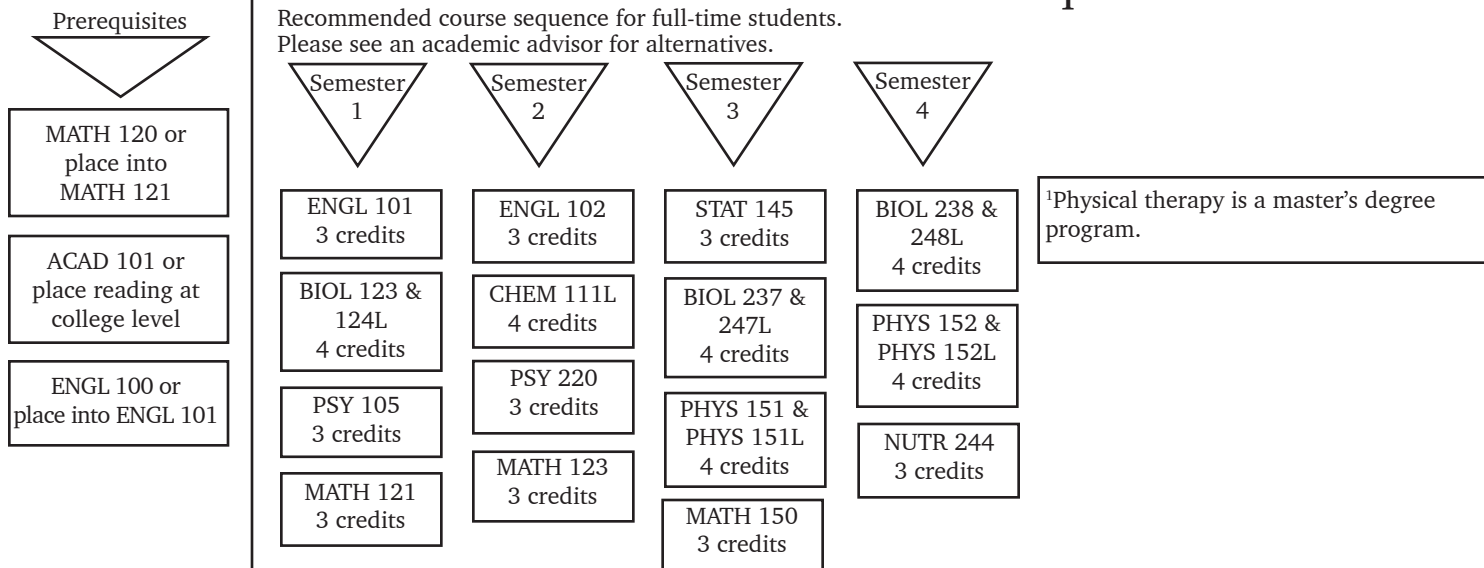
¹PHYS 151L lab is not required at UNM-Albuquerque Campus but is highly recommended.

²Students are required to select from one of the following courses: ENGL 220; MATH 129, 181; PHIL 101, 102, 156; PHYS 152.

Physical Therapy¹

Pre-Professional Medical Sciences Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.



Physician's Assistant

Pre-Professional Medical Sciences Requirements

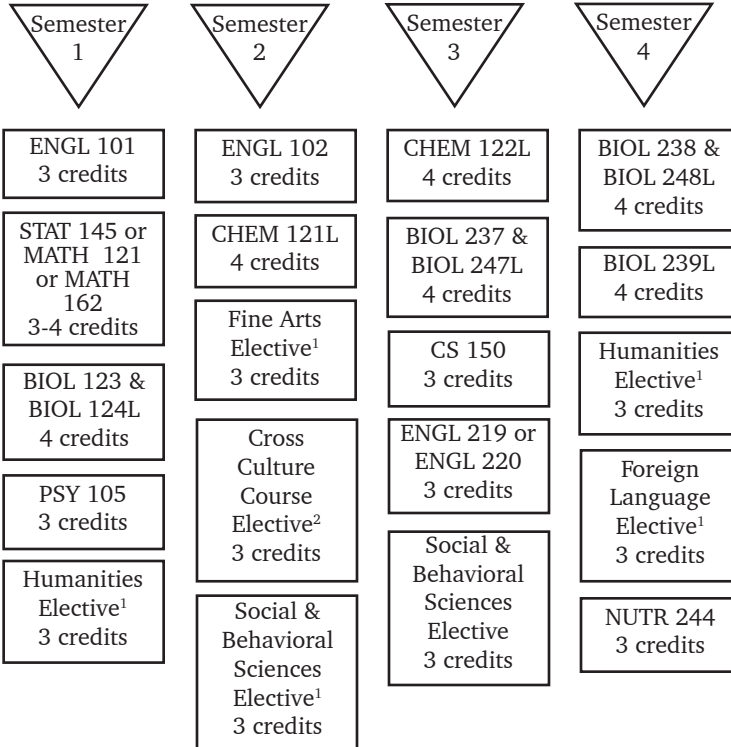
Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 120 or
place into
MATH 121

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level



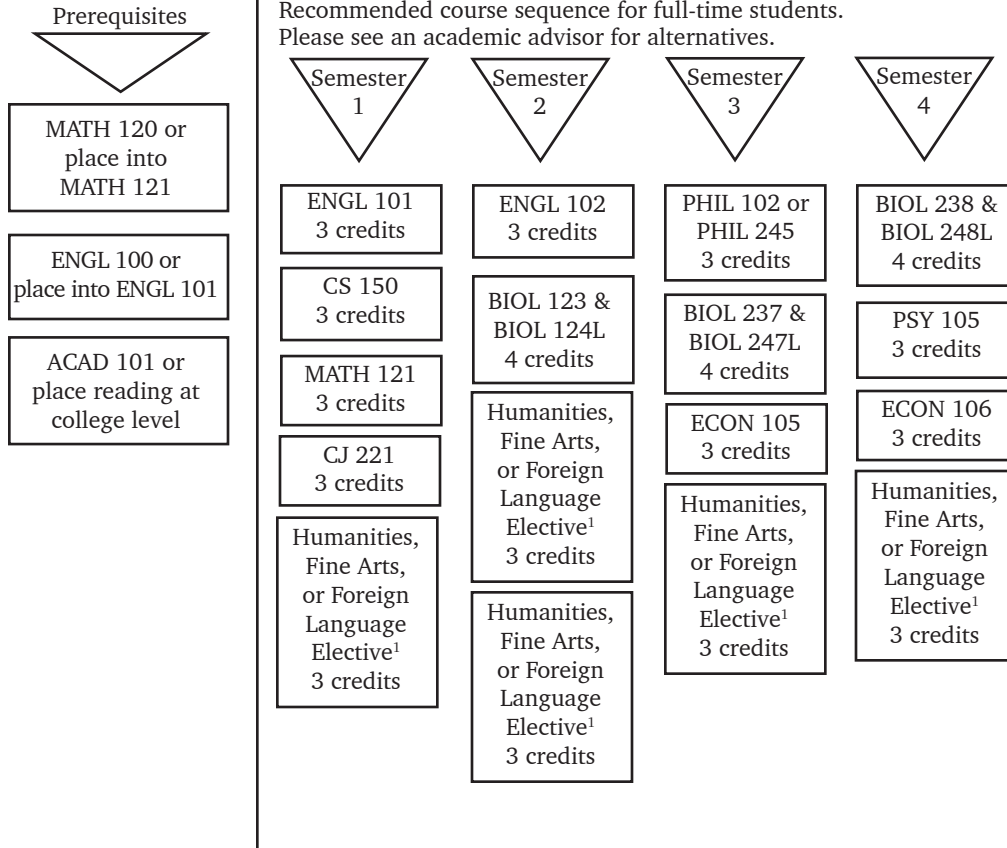
¹Students must choose the elective courses from the corresponding area of the UNM Core Curriculum.

²Students are required to select their cross cultural elective from the following disciplines or areas: Asian, Africa, Middle Eastern, Latin American, or Native American studies.

Radiography

Pre-Professional Medical Sciences Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.



¹Students must choose the elective courses from the corresponding area of the UNM Core Curriculum.

Health Education

Associate of Science in Health Education

Program Description

The associate of science in health education degree provides the first two years of study for students planning to pursue a bachelor of science degree at UNM-Albuquerque Campus in the professional areas of health education (school health education or community health education).

Career and Educational Advancement Opportunities

The associate of science in health education degree program includes multidisciplinary requirements needed to continue into a bachelor of science in health education program required for professional occupations in the area of community health or school health education. Students must earn a grade of "C" or better in all pre-admission course work.

Program Requirements

Total credit hours required: 62 (48 hours of general education courses and 14 hours of program-specific courses). Please refer to the *University of New Mexico Core Curriculum* on pages 72-74 for a list of allowed courses for *Social & Behavioral Sciences, Humanities, and Fine Arts*.

Contact and Advising Information

Information about the associate of science in health education degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the coordinator of the Fitness & Wellness Education Center, Dubra Karnes-Padilla, @ (505) 925-8833 or dubra@unm.edu, the chair of the Education Department, Jon Conescu, @ (505) 925-8614 or jconescu@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Health Education

Associate of Science Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

ENGL 100 or
place into ENGL 101

MATH 120 or
place into
MATH 121

ACAD 101 or
place reading at
college level

Semester 1	Semester 2	Semester 3	Semester 4
MATH 121 3 credits	Social & Behavioral Sciences Elective ¹ 3 credits	CHEM 111L 4 credits	NUTR 244 3 credits
ENGL 101 3 credits		CJ 130 3 credits	BIOL 237 & BIOL 247L ⁵ 4 credits
Humanities Elective ¹ 3 credits	ENGL 102 3 credits	ENGL 219 3 credits	HED 260 3 credits
PSY 105 3 credits	STAT 145 3 credits	HED 247 1 credit	HED 293 ³ 1 credit
HED 164L 3 credits	Fine Arts Elective ¹ 3 credits	BIOL 123 & BIOL 124L ² 4 credits	Health Education Elective ⁴ 3 credits
PENP 158 or PENP 159 1 credit	HED 171 3 credits		PENP 165 1 credit
	PENP 160 1 credit		

¹Students must choose the elective courses from the corresponding area of the UNM Core Curriculum.

²Students should consult with an advisor to ensure course selections from the UNM Core Curriculum requirements in the Physical Sciences are relevant to their program.

³HED 293, a topics course, has a co-requisite of HED 260 for this program.

⁴Students must select a course from any area relevant to the Health Education Tracks I or II at UNM-Albuquerque Campus.

⁵BIOL 247L and BIOL 248L (anatomy & physiology labs) are not required at UNM for a BSHED degree, but **they are highly recommended.**

Group Fitness Instructor
Certificate Requirements

next page

Group Fitness Instructor

Group Fitness Instructor Leadership Certificate

Program Description

The group fitness instructor leadership certificate is a one-year subset of the associate of science in health education degree program previously listed concentrating on most of the program-specific courses.

Career and Educational Advancement Opportunities

The group fitness instructor leadership certificate lays the foundation for a student to enter the fitness industry as a group fitness leader and continue to pursue the associate of science in health education or other related degree. Course work will help prepare a student to take the American Council on Exercise examination for group fitness instructor national certification. Students must earn a grade of "C" or better in all pre-admission course work.

Program Requirements

Total credit hours required: 35 (24 hours of general education courses and 11 hours of program-specific courses).

Contact and Advising Information

Information about the associate of science in health education degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the coordinator of the Fitness & Wellness Education Center, Dubra Karnes-Padilla, @ (505) 925-8833 or dubra@unm.edu, the chair of the Education Department, Jon Conescu, @ (505) 925-8614 or jconescu@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Group Fitness Instructor

Prerequisites

MATH 120 or
place into
MATH 121

ENGL 100
or place into
ENGL 101

ACAD 101 or
place reading at
college level

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Semester 1

MATH 120
or 121
3 credits

CHEM 111L
4 credits

HED 164L
3 credits

ENGL 101
3 credits

PE-NP 158
or 159
1 credit

BIOL 123 &
124L²
4 credits

Semester 2

HED 171
3 credits

CJ 130
3 credits

PENP 165
1 credit

NUTR 244
3 credits

BIOL 237 & BIOL 247L²
4 credits

PEP 293¹
2 credits

PENP 160
1 credit

¹Students must have American Red Cross CPR Professional Rescuer and First Aid certification prior to enrolling in PEP 293.
²BIOL 247L and BIOL 248L (anatomy & physiology labs) are not required at UNM for a BSHED degree, but **they are highly recommended.**

Computer-Aided Drafting

Associate of Applied Science in Computer-Aided Drafting

Program Description

The U.S. Department of Labor has identified computer-aided drafting (CAD) as one of the fastest-growing employment fields in the United States. The demand for trained operators has increased steadily as engineering offices make the transition from traditional drafting techniques to CAD. Computers have taken over production drawing and are now being used in a variety of related fields; virtually all technical and scientific disciplines use technical drawings and are adopting computer-aided drawing and modeling. The associate of applied science in computer-aided drafting includes general education courses and is designed to improve analytic and communication skills. The core of the program consists of CAD courses with a heavy emphasis on lab work. Drafting conventions are covered in the architectural and technical drafting courses.

Career and Educational Advancement Opportunities

Upon completion of the associate of applied science in computer-aided drafting program, students are prepared for entry-level positions as CAD operators. Graduates of the program have been successfully placed, and many have already advanced to technician and project management positions. The associate of applied science in computer-aided drafting degree, while occupational in nature, can be transferred to the UNM–Albuquerque Campus and applied toward a bachelor's in organizational learning and instructional technologies in the College of Education. However, technical courses (those with a "T" after the course's number) are not guaranteed to transfer as credit. Additionally, grades earned in technical courses are not to be included in the grade point average at the UNM–Albuquerque Campus and may not be included in the GPA at other four-year institutions.

Program Requirements

Total credit hours required: 65 (32 hours of general education courses and 33 hours of program-specific courses). Please refer to the *University of New Mexico Core Curriculum* on pages 72-74 for a list of allowed courses for *Social & Behavioral Sciences, Humanities, Fine Arts, and Foreign Languages*.

Contact and Advising Information

Information about the associate of applied science in computer-aided drafting degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the program's lead faculty, Alex Sánchez, @ (505) 925-8716 or alexs@unm.edu, the chair of the Business & Technology Division, Cindy Chávez, @ (505) 925-8706 or c2chavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Computer-Aided Drafting

Associate of Applied Science Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

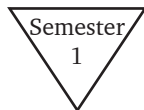
Prerequisites



MATH 120 or
place into
MATH 121 or
higher

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level



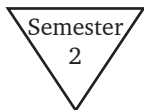
MATH 121 or
MATH 150²
3 credits

ENGL 101
3 credits

CS 150
3 credits

CAD 185
4 credits

MATH 123
3 credits



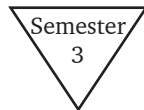
ENGL 102
3 credits

PHYS 151L &
PHYS 151L or
PHYS 160 &
PHYS 160L⁴
4 credits

CAD 150
3 credits

IT 121
3 credits

CHEM 111L
or 121L³
4 credits



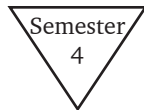
IT 122
3 credits

Fine Arts,
Humanities
or Foreign
Language
Elective¹
3 credits

CAD 195
4 credits

CAD 260
4 credits

Social &
Behavioral
Sciences
Elective¹
3 credits



ENGL 219
3 credits

CAD 270
4 credits

CAD 295
1-4 credits

CAD Elective
3 credits

Social &
Behavioral
Sciences
Elective¹
3 credits

¹Students must choose the elective courses from the corresponding area of the UNM Core Curriculum.

²Students planning to transfer to engineering should complete MATH 150.

³Students planning to transfer to engineering should complete CHEM 121L.

⁴Students planning to transfer to engineering should complete PHYS 160L.

Computer-Aided Drafting
Certificate Requirements

next page



Computer-Aided Drafting

Computer-Aided Drafting Certificate

Program Description

The core of the computer-aided drafting certificate program consists of CAD courses with a heavy emphasis on lab work. Drafting conventions are covered in the architectural and technical drafting courses. Operating system and related computer skills are covered in the computer applications courses.

Career and Educational Advancement Opportunities

Upon completion of the computer-aided drafting certificate program students are prepared for entry-level positions as CAD operators. Graduates of the program are successfully placed, and many have already advanced to technician and project management positions.

Program Requirements

Total credit hours required: 38 (6 hours of general education courses and 32 hours of program-specific courses).

Contact and Advising Information

Information about the associate of applied science in computer-aided drafting degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the program's lead faculty, Alex Sánchez, @ (505) 925-8716 or alexs@unm.edu, the chair of the Business & Technology Division, Cindy Chávez, @ (505) 925-8706 or c2chavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Computer-Aided Drafting

Prerequisites



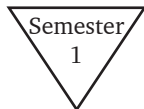
MATH 100 or
place into
MATH 120

ENGL 100
or place into
ENGL 101

ACAD 101 or
place reading at
college level

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

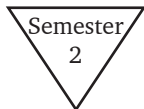


ENGL 101
3 credits

MATH 120
3 credits

CS 150
3 credits

CAD 150
3 credits

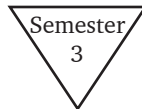


IT 121
3 credits

CAD 185
4 credits

CAD 195
4 credits

CAD 260
4 credits



IT 122
3 credits

CAD 270
4 credits

CAD 295
1-4 credits

CAD Elective
3-4 credits

Construction Technology

Associate of Applied Science in Construction Technology

Program Description

The associate of applied science degree in construction technology is designed for students entering apprenticeship-training programs. This degree will provide 15 credit hours toward specific apprenticeship training, broaden academic understanding and help develop an increased awareness of others and of the environment. Upon completion of this degree and at least 50% of the apprenticeship program, the student will be prepared to assume additional responsibilities within the organization. In addition, group requirements and/or technical courses may transfer to programs in four-year universities.

Career and Educational Advancement Opportunities

Upon completion of the associate of applied science degree in construction technology degree and at least 50% of the apprenticeship program, the student will be prepared to assume additional responsibilities within the organization. In addition, group requirements and/or technical courses may transfer to programs in four-year universities.

Program Requirements

Total credit hours required: 59 (45 hours of general education courses and 15 hours of program-specific courses).

Please refer to the *University of New Mexico Core Curriculum* on pages 72-74 for a list of allowed courses for *Physical & Natural Sciences*.

Contact and Advising Information

Information about the associate of applied science degree in construction technology degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the manager of Community Education, Rita Logan, @ (505) 925-8971 or rlogan@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Construction Technology

Associate of Applied Science Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

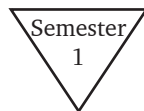
Prerequisites



MATH 100 or
place into
MATH 120 or
higher

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level



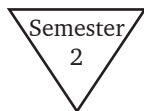
MATH 120
3 credits

ENGL 101
3 credits

Humanities¹
Elective
3 credits

CNST 293
3 credits

General
Elective
3 credits

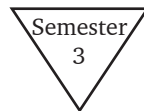


STAT 145
3 credits

ENGL 102
3 credits

Humanities
Elective¹
3 credits

JS 101L
6 credits



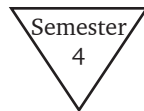
CJ 130
3 credits

ARTS 123
2 credits

CNST 293
3 credits

Physical
& Natural
Sciences
Elective
3 credits

PSY 105 or
SOC 101
3 credits



ENGL 219
3 credits

CNST 293
3 credits

SPAN 101
3 credits

Physical
& Natural
Sciences
Elective
3 credits

General
Elective
3 credits

¹ Students must complete two courses
from the following list:

AMST 186
AMST 215
ENGL 150
HIST 101

Digital Media Arts

Associate of Applied Science in Digital Media Arts

Program Description

The associate of applied science in digital media arts degree program offers general education and specific design and computer imaging skills to train the student to provide essential digital media technology assistance in the business environment. Students are prepared for employment in the fields of digital imaging, graphic, multimedia, and web design.

Career and Educational Advancement Opportunities

The associate of applied science in digital media arts degree provides the student with a well-rounded, design-oriented, applications knowledge base and creative problem solving skills that employers will appreciate in the digital media professional. In addition, the DMA core courses will help prepare the student for national certification. The associate of applied science in digital media arts degree, while occupational in nature, can be transferred to the UNM–Albuquerque Campus and applied towards a bachelor's in organizational learning and instructional technologies at the College of Education.

Program Requirements

Total credit hours required: 65 (35 hours of general education courses and 30 hours of program specific-courses). Please refer to the University of New Mexico Core Curriculum on pages 72-74 for a list of allowed courses for Writing & Speaking, Mathematics and Physical & Natural Sciences.

Contact and Advising Information

For more information about the associate of applied science in digital media arts degree please contact Advisement & Counseling @ 505.925.8560, or vcadvise@unm.edu, coordinator of digital media arts program, Michael Ceschiat 505.925.8702 or ceschiat@unm.edu, the chair of the Business & Technology Division, Cindy Chávez, @ 505.925.8706 or c2chavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ 505.925.8601 or rgarcia@unm.edu.

Digital Media Arts

Associate of Applied Science Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 120 or
place into
MATH 121

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level

Semester 1	Semester 2	Semester 3	Semester 4
ENGL 101 3 credits	ENGL 102 3 credits	ARTS 289 3 credits	IT 270 3 credits
ARTS 106 3 credits	ARTS 121 3 credits	IT 205 3 credits	PSY 105 3 credits
ARTS 187 3 credits	ARTS 188 3 credits	CAD 180 4 credits	Philosophy Elective ³ 3 credits
MA 110 3 credits	Mathematics Elective ¹ 3 credits	History, theory, or aesthetics of the arts or literature elective ² 3 credits	Physical & Natural Sciences Elective ¹ 4 credits
SOC 101 3 credits	CS 150 3 credits		Foreign Language Elective ⁴ 3 credits
ARTS 130 3 credits	Writing & Speaking Elective ¹ 3 credits		

¹Students must choose the elective courses from the corresponding area of the UNM Core Curriculum.

²The student must choose one course from the following list: ARTH 101, ARTH 201, ARTH 202, ENGL 150, ENGL 206, ENGL 211, ENGL 250, ENGL 296, ENGL 297, MA 210, MUSE 139, MUSE 140, MUSE 271, or THEA 122.

³The student must choose one course from the following list: PHIL 101, PHIL 156 or PHIL 245.

⁴The student must choose one course from the following list: SPAN 101, SIGN 201.

Digital Media Arts
Certificate Requirements

next page

Digital Media Arts

Digital Media Arts Certificate

Program Description

The digital media arts certificate program is a subset of the associate of applied science in digital media arts degree offering only the specific design and computer imaging skills to train the student to provide essential digital media technology assistance in the business environment. As with the associate's degree program, students are prepared for employment in the fields of digital imaging, graphic, multimedia, and web design.

Career and Educational Advancement Opportunities

The digital media arts certificate provides the student with the same well-rounded, design-oriented, applications knowledge base and creative problem solving skills that employers will appreciate in the digital media professional. In addition, the DMA core courses will help prepare the student for national certification.

Program Requirements

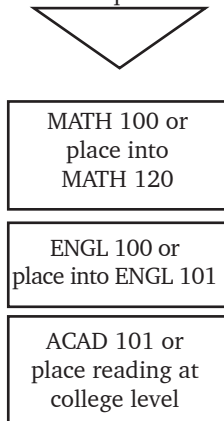
Total credit hours required: 37 (6 hours of general education courses and 31 hours of program specific-courses).

Contact and Advising Information

For more information about the media arts certificate please contact Advisement & Counseling @ 505.925.8560, or vcadvise@unm.edu, coordinator of digital media arts program, Michael Ceschiat 505.925.8702 or ceschiat@unm.edu, the chair of the Business & Technology Division, Cindy Chávez, @ 505.925.8706 or c2chavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ 505.925.8601 or rgarcia@unm.edu.

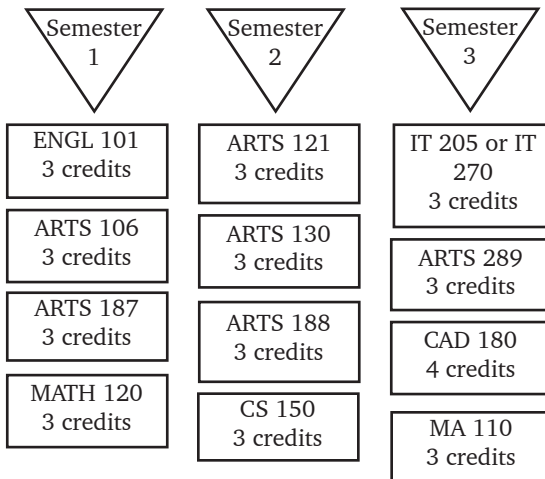
Digital Media Arts

Prerequisites



Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.



General Studies

Associate of Applied Science in General Studies

Program Description

The aim of the associate of applied science in general studies degree is to provide a variety of experiences that broadens academic understanding, increases knowledge of the relationships across the disciplines and helps develop an increased awareness of others and of the environment.

Career and Educational Advancement Opportunities

A student who is awarded this degree is prepared to enter jobs that require one or two years of college but do not require a declared major field of study. In addition, group requirements, other than technical courses, may transfer to academic programs in four-year universities.

Program Requirements

Total credit hours required: 61 (31 hours of general education courses and 30 hours of elective courses). Please refer to the *University of New Mexico Core Curriculum* on pages 72-74 for a list of allowed courses for *Physical & Natural Sciences, Mathematics, Social & Behavioral Sciences, Humanities, and Fine Arts*. For the 30 credit hours of electives, at least 15 must be academic; the remaining credits may be selected from any career/technical field.

Contact and Advising Information

Information about the associate of applied science in general studies degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

General Studies

Prerequisites

ENGL 100 or
place into ENGL 101

MATH 120 or
place into
MATH 121

ACAD 101 or
place reading at
college level

Associate of Applied Science Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Semester 1	Semester 2	Semester 3	Semester 4
ENGL 101 3 credits	ENGL 102 3 credits	General Elective ² 3 credits	ENGL 219 or 220 or CJ 130 or PHIL 156 3 credits
Social & Behavioral Sciences 3 credits	General Elective ² 3 credits	General Elective ² 3 credits	General Elective ² 3 credits
Humanities & Fine Arts ¹ 3 credits	Humanities & Fine Arts ¹ 3 credits	General Elective ² 3 credits	General Elective ² 3 credits
General Elective ² 3 credits	General Elective ² 3 credits	Physical & Natural Sciences & Math ³ 3-4 credits	General Elective ² 3 credits
General Elective ² 3 credits	Physical & Natural Sciences & Math ³ 3-4 credits	Social & Behavioral Sciences 3 credits	Physical & Natural Sciences & Math ³ 3-4 credits

¹Students must complete two courses in the humanities and/or fine arts. Students are encouraged to select those courses from the UNM Core Curriculum in Humanities and Fine Arts.

²Students must complete 30 credit hours of electives. At least 15 must be academic; the remaining 15 may be selected from any technical field.

³Students must complete three courses, one of which must include a lab, in the physical sciences, natural sciences, and/or mathematics. Students are encouraged to select these courses from the UNM Core Curriculum in Physical & Natural Sciences and Mathematics.

Information Technology

Associate of Applied Science in Information Technology

Program Description

The associate of applied science in information technology degree program offers general education and specific computer skills designed to train the student to provide essential computer-related assistance in the business environment. The degree will give the student skills in hardware maintenance, networking, database development, programming fundamentals, and web design.

Career and Educational Advancement Opportunities

The associate of applied science in information technology degree provides the student with a well-rounded knowledge base, trouble-shooting skills, and customer service techniques that employers will appreciate in an IT professional. In addition, the IT core courses will help prepare the student for national certification. The associate of applied science in information technology degree, while occupational in nature, can be transferred to the UNM–Albuquerque Campus and applied towards a bachelor's in organizational learning and instructional technologies at the College of Education. However, career/technical courses are not guaranteed to transfer as credit. Additionally, grades earned in technical courses are not included in the grade point average at the UNM–Albuquerque Campus and may not be included in the GPA of other four-year institutions.

Program Requirements

Total credit hours required: 66 (22 hours of general education courses and 44 hours of program-specific courses).

Please refer to the *University of New Mexico Core Curriculum* on pages 72-74 for a list of allowed courses for *Physical & Natural Sciences, Social & Behavioral Sciences, Humanities, Foreign Language, and Fine Arts*.

Contact and Advising Information

Information about the associate of applied science in information technology degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the coordinator of technology programs, Toni Black, @ (505) 925-8714 or tblack@unm.edu, the chair of the Business & Technology Division, Cindy Chávez, @ (505) 925-8706 or c2chavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Information Technology

Associate of Applied Science Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

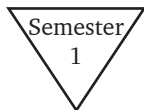
Prerequisites



MATH 120 or
place into
MATH 121 or
higher

ENGL 100 or
place into ENGL 101

ACAD 101 or
place reading at
college level



MATH 121
3 credits

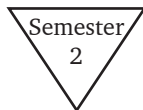
IT 121
3 credits

CS 150
3 credits

IT 125
3 credits

OBT 105
1 credit

Physical
& Natural
Sciences
Elective²
4 credits



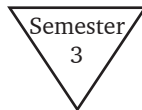
ENGL 101
3 credits

IT 122
3 credits

IT 222
3 credits

IT 131
3 credits

CJ 130
3 credits



IT 290
3 credits

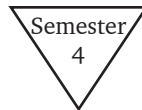
BSM 116
3 credits

CS 151 & CS
151L or CS
152 & CS
152L
3 credits

IT 230
3 credits

IT 205
3 credits

English or Comm
& Journalism or
Humanities or
Fine Arts or Social
& Behavioral or
Foreign Language
Elective¹
3 credits



IT 140
3 credits

EDUC 293
1 credit

IT 295
3 credits

IT 270
3 credits

English or Comm
& Journalism or
Humanities or
Fine Arts or
Social & Behav-
ioral or
Foreign Language
Elective¹
3 credits

ENGL 119
3 credits

¹Students must complete two courses chosen from the following: ENGL 102, ENGL 219, CJ 221, or the UNM Core Curriculum in Humanities, Fine Arts, Social & Behavioral Sciences, or Foreign Language.

²Students must complete one course chosen from the UNM Core Curriculum in Physical and Natural Sciences to include a lab.

Information Technology
Certificate Requirements

next page

Information Technology

Information Technology Certificate

Program Description

The information technology certificate program is a subset of the associate of applied science in information technology degree program which offers specific computer skills designed to train the student to provide essential computer-related assistance in the business environment. This certificate program is geared for the student who wants to gain experience in computer maintenance, database development, and web design in a shorter time frame.

Career and Educational Advancement Opportunities

The information technology certificate program provides the student with trouble-shooting skills and customer service techniques that employers will appreciate in an IT professional. In addition, the IT core courses will help prepare the student for national certification.

Program Requirements

Total credit hours required: 36 (6 hours of general education courses and 30 hours of program-specific courses). Please refer to the University of New Mexico Core Curriculum on pages 72-74 for a list of allowed courses for *Physical & Natural Sciences, Social & Behavioral Sciences, Humanities, Foreign Language and Fine Arts*.

Contact and Advising Information

Information about the information technology certificate program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the coordinator of technology programs, Toni Black, @ (505) 925-8714 or tblack@unm.edu, the chair of the Business & Technology Division, Cindy Chávez, @ (505) 925-8706 or c2chavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 100 or
place into
MATH 120

ENGL 100
or place into
ENGL 101

ACAD 101 or
place reading at
college level

Semester
1

ENGL 101
3 credits

IT 205
3 credits

CS 150
3 credits

OBT 105
1 credit

EDUC 293
1 credit

IT 125
3 credits

IT 122
3 credits

Semester
2

IT 131
3 credits

BSM 116
3 credits

CJ 130
3 credits

IT 295
3 credits

IT 121 or IT 222 or IT 230
or IT 270¹
6-7 credits

¹ Students must complete two of these
four courses listed.

Office and Business Technology

Associate of Applied Science in Office & Business Technology

Program Description

As technology continues to expand, so does the necessity for well-qualified office personnel. All organizations need timely and effective office and administrative support to operate efficiently. Positions will continue to be available to qualified individuals and are available in virtually every sector of the economy: education, legal, medical, government, and small and large businesses. Students enrolled in the associate of applied science office and business technology degree program are encouraged to join the International Association of Administrative Professionals (IAAP) student organization and work toward becoming a Certified Administrative Professional. The IAAP's purpose is to provide its members and professionals with opportunities to 1) Develop leadership skills and abilities, 2) Use educational and professional development resources, 3) Examine and participate in research affecting the profession, 4) Stay informed on the future direction of business and office careers, 5) Set standards for the profession, and 6) Promote and enhance the image of the office professional.

Career and Educational Advancement Opportunities

The associate of applied science office and business technology degree, while occupational in nature, can be transferred to the UNM–Main Campus and applied towards a Bachelor's in Organizational Learning and Instructional Technology (OLIT) in the College of Education. However, career/technical courses are not guaranteed to transfer as credit. Additionally, grades earned in career/technical courses are not included in the grade point average at the UNM–Main Campus and may not be included in the grade point average of other four-year institutions.

Program Requirements

Total credit hours required: 70 (19 hours of general education courses and 51 hours of program-specific courses). Please refer to the *University of New Mexico Core Curriculum* on pages 72-74 for a list of allowed courses for *Physical & Natural Sciences, Mathematics, Social & Behavioral Sciences, Humanities, Foreign Language, and Fine Arts*.

Contact and Advising Information

Information about the associate of applied science office and business technology degree program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the lead faculty of the OBT programs, Diana Cole, @ (505) 925-8713 or dianacol@unm.edu, the chair of the Business & Technology Division, Cindy Chávez, @ (505) 925-8706 or c2chavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Office and Business Technology

Associate of Applied Science Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

MATH 120 or
place into
MATH 121 or
higher

ENGL 100 or
place into ENG 101

ACAD 101 or
place reading at
college level

Semester 1	Semester 2	Semester 3	Semester 4
ENGL 101 3 credits	ENGL 102 or CJ 130 3 credits	OBT 265 3 credits	OBT 257 3 credits
OBT 110 3 credits	ENG 119 3 credits	OBT 205 3 credits	OBT 260 3 credits
CS 150 3 credits	BSM 116 3 credits	OBT 235 3 credits	OBT 263 3 credits
Fine Arts or Humanities or Foreign Language Elective ¹ 3 credits	OBT 111 3 credits	Social & Behavioral Sciences Elective ^{1,2} 3 credits	OBT 295 3 credits
OBT 101 3 credits	MGT 113 3 credits	OBT 112 3 credits	OBT 219 or 221 or IT 182 or 205 3 credits
	IT 121 3 credits	IT 122 3 credits	Physical & Natural Sciences Elective ¹ 3-4 credits

¹ Students must choose the elective courses from the corresponding area of the UNM Core Curriculum.
² ECON 105 or ECON 106 are highly recommended.

Office & Business Technology
Certificate Requirements

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Office and Business Technology

Office & Business Technology Certificate

Program Description

The office and business technology certificate is a one-year program that consists of a subset of the associate of applied science office and business technology degree program. It provides information technology, general business courses, and various OBT courses designed to prepare the student for a successful career in secretarial administration.

Career and Educational Advancement Opportunities

Students may apply the courses listed in the office and business technology certificate program towards the associate of applied science in office and business technology degree.

Program Requirements

Total credit hours required: 36 (9 hours of technical writing, IT and introductory CS courses, 6 hours of business language skills courses, and 21 hours of program-specific courses)

Contact and Advising Information

Information about the office and business technology certificate program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the lead faculty of the OBT programs, Diana Cole, @ (505) 925-8713 or dianacol@unm.edu, the chair of the Business & Technology Division, Cindy Chávez, @ (505) 925-8706 or c2chavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Office and Business Technology

Prerequisites

ENGL 100 or
place into ENGL 101

MATH 100 or
place into
MATH 120

ACAD 101 or
place reading at
college level

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Semester 1	Semester 2	Semester 3
ENGL 119 3 credits	IT 121 3 credits	OBT 205 3 credits
OBT 110 3 credits	OBT 101 3 credits	OBT 295 3 credits
CS 150 3 credits	OBT 112 3 credits	OBT 235 3 credits
OBT 111 3 credits	BSM 116 3 credits	OBT 257 3 credits

Pharmacy Technician

Associate of Applied Science in Pharmacy Technician

Program Description

The associate of applied science in pharmacy technician program is designed to prepare students for careers as pharmacy technicians in hospital, retail, mail order pharmacies, and other pharmacy-related industries with additional preparation in mathematics, biology, chemistry and physics—courses which give the student a more thorough preparation and which can also be applied as requirements for admission to UNM's College of Pharmacy. During the second year of the program, students receive classroom, laboratory and practical experience covering all aspects of the profession. Included in the laboratory portions of the program is a 45-hour content-specific block of instruction dealing with the preparation of sterile intravenous products as required by the New Mexico Board of Pharmacy.

Career and Educational Advancement Opportunities

Pharmacy technician programs in New Mexico have a high placement rate for graduates. Jobs are available in hospitals, retail, and specialty pharmacies. Graduates are eligible to sit for the national certification exam (PTCB exam) for Pharmacy Technicians.

Program Requirements

Total credit hours required: 68 (40 hours of general education courses and 28 hours of program-specific courses).

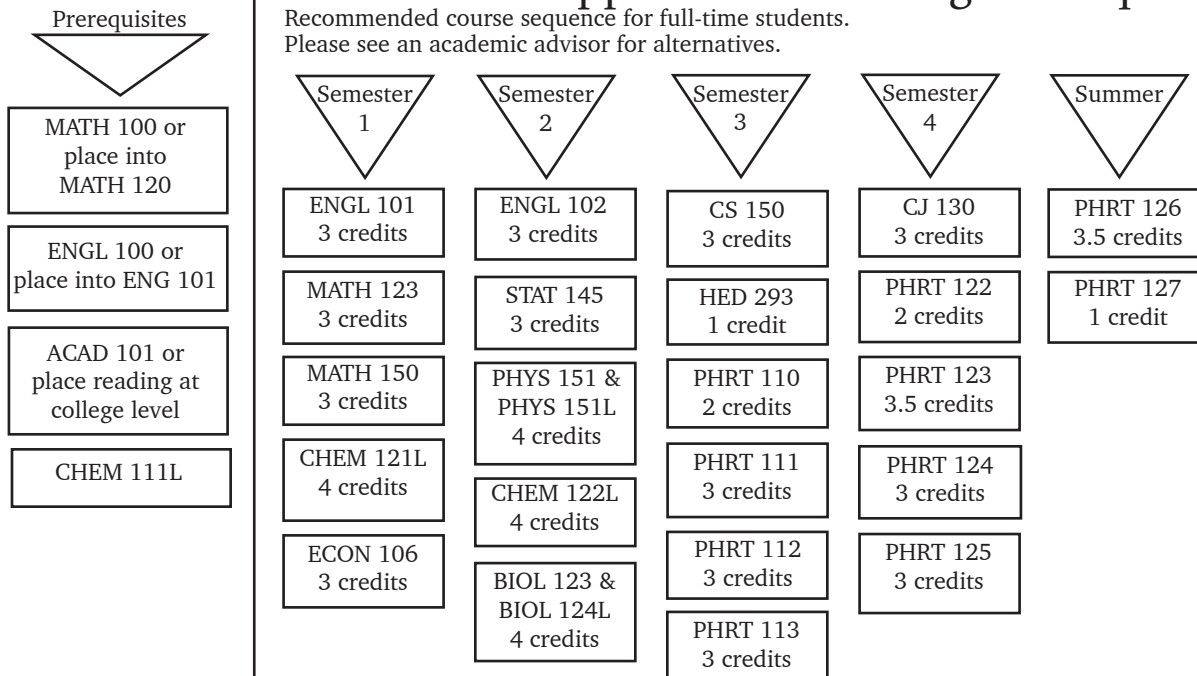
Contact and Advising Information

For more information about the associate of applied science in pharmacy technician degree please contact Advisement & Counseling @ 505.925.8560, or vcadvise@unm.edu, the chair of the Science Department, Miriam Chávez, @ 505.925.8613 or mjchavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ 505.925.8601 or rgarcia@unm.edu.

Pharmacy Technician

Associate of Applied Science Degree Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.



Pharmacy Technician
Certificate Requirements

next page

Pharmacy Technician

Pharmacy Technician Certificate

Program Description

The pharmacy technician certificate program is designed to prepare students for careers as pharmacy technicians in hospital, retail, mail order pharmacies, and other pharmacy-related industries. In the 12 month program, students receive classroom, laboratory and practical experience covering all aspects of the profession. A 45-hour content-specific block of instruction dealing with the preparation of sterile intravenous products as required by the New Mexico Board of Pharmacy, is included in the laboratory portion of the program.

Career and Educational Advancement Opportunities

Pharmacy technician programs in New Mexico have a high placement rate for graduates. Jobs are available in hospitals, retail, and specialty pharmacies. Graduates are eligible to sit for the national certification exam (PTCB exam) for Pharmacy Technicians. Students planning to continue their education at UNM's College of Pharmacy should consider enrolling in the Associate of Applied Science in Pharmacy Technician Program.

Program Requirements

Total credit hours required: 34 (6 hours of general education and 28 hours of program-specific courses).

Contact and Advising Information

For more information about the pharmacy technician certificate please contact Advisement & Counseling @ 505.925.8560, or vcadvise@unm.edu, the chair of the Science Department, Miriam Chávez, @ 505.925.8613 or mjchavez@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ 505.925.8601 or rgarcia@unm.edu.

Pharmacy Technician

Prerequisites

ENGL 100 or
place into ENGL 101

MATH 100 or
place into
MATH 120

ACAD 101 or
place reading at
college level

CHEM 111L

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Semester 1	Semester 2	Summer
CS 150 3 credits	CJ 130 3 credits	PHRT 126 3.5 credits
HED 293 1 credit	PHRT 122 2 credits	PHRT 127 1 credit
PHRT 110 2 credits	PHRT 123 3.5 credits	
PHRT 111 3 credits	PHRT 124 3 credits	
PHRT 112 3 credits	PHRT 125 3 credits	
PHRT 113 3 credits		

Job Skills

Job Skills Certificate

Program Description

The job skills certificate program was developed in conjunction with the Su Parte (Sign Up! People Acting Responsibly Through Employment) welfare reform program. However, it is available to all students who need to “hone up” on basic writing, reading, computing, mathematics skills, basic interpersonal communication skills, and job finding strategy skills.

Career and Educational Advancement Opportunities

Students enrolled in the job skills certificate program can take workplace specific courses, such as certified nursing assistant (CNA), under the general “Job Skills” umbrella.

Program Requirements

Total credit hours required: 28 (4 hours of reading, 4 hours of writing, 4 hours of mathematics, 1 hour basic computer skills, 6 hours of interpersonal and job search skills, 6 hours of specific job skills, (e.g., CNA, PCA), and a practicum.

Contact and Advising Information

Information about the job skills certificate program is available from Advisement & Counseling @ (505) 925-8560 or vcadvise@unm.edu, the manager of Community Education, Rita Logan, @ (505) 925-8971 or rlogan@unm.edu, the manager of Workforce Development, Kevin Begley, @ (505) 925-8701 or kbegley@unm.edu, or the dean of instruction, Reinaldo A. Z. García, @ (505) 925-8601 or rgarcia@unm.edu.

Certificate Requirements

Recommended course sequence for full-time students.
Please see an academic advisor for alternatives.

Prerequisites

