

NURSING ASSOCIATE IN SCIENCE



Refer to Admission: Registered Nursing (NURS) Programs in Admission Information (<https://catalog.gcccd.edu/grossmont/admission-information/>) for special admission procedures and criteria.

As defined by the American Nurses Association, professional nursing is the diagnosis and treatment of human responses to actual and high-risk health problems. The Associate Degree Registered Nursing program at Grossmont College prepares men and women for national licensure to practice professional nursing in critical, acute, chronic, ambulatory and home health-care settings. For students without previous nursing education, the nursing courses cover four semesters in addition to the prerequisite courses required to apply. Nursing didactic is coordinated with laboratory experience in local hospitals and health agencies under the supervision of nursing faculty members. In addition to the nursing courses, the major requires selected general education courses from the natural, behavioral and social sciences.

Students are admitted to the Nursing Program based on a multi-criteria selection process which includes the following criteria: GPA of 2.5 or higher in the required sciences and general education courses for the Nursing major, previous degrees or certifications, life experiences, proficiency in a California State chancellor's office approved second language, and the individual composite score of 62 or greater for the Test of Essential Academic Skills exam. Program applications are accepted during specific application periods and is a separate process from an application to Grossmont College. No waitlist is maintained however, for those applicants not selected, the opportunity exists to reapply during future application periods.

For all information on admission criteria, see the Nursing Program website at <https://www.grossmont.edu/academics/programs/nursing/index.php> (<https://www.grossmont.edu/academics/programs/nursing/>).

California Licensed Vocational Nurses are eligible to apply for an LVN-RN Transition Program. Upon successful completion of required nursing courses, students will receive a total of 13 units of credit for Fundamentals of Nursing and Obstetric and Pediatric Nursing. Placement in the program is done on an individual bases. Please refer to the website for more information.

Grossmont College prepares the student for an Associate Degree in Science in Registered Nursing. In addition to the nursing courses, the major requires selected general education courses to be successfully completed for the degree. Upon completion of all degree requirements, the graduate is eligible to apply to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN). The Associate Degree Nursing Program is an approved School of Nursing by the California Board of Registered Nursing located at 1747 N. Market Blvd., Suite 150 Sacramento, CA 95834. The Associate Degree Nursing Program at Grossmont Community College located in El Cajon, California is accredited by the:

Accreditation Commission for Education in Nursing (ACEN)

3390 Peachtree Road NE, Suite 1400
Atlanta, CA 30326.

The most recent accreditation decision made by the ACEN Board of Commissioners for the associate degree nursing program is Continuing Accreditation.

Graduates of the ADN program are also eligible to transfer into a BSN program upon completion of the program. Appropriate courses are fully accepted on transfer by the University of California, the California State University and by private four-year colleges and universities. View the public information disclosed by ACEN regarding this program at <https://www.acenursing.org/search-programs/entry/2630/>.

Important: Any prior conviction of a misdemeanor or felony may influence eligibility for licensure as a Registered Nurse. A flagged background check or drug screen may also prohibit participation in the Nursing program, eligibility for state licensure and securing employment. Applicants with prior convictions are urged to visit the California Board of Registered Nursing prior to applying to the program at <https://www.rn.ca.gov/>

Application Period

An online application for the nursing major is required and will only be accepted during the application periods specified on the Nursing Program website. The application must be complete and include all required documentation. Incomplete packets will not be considered for admission. No waitlist is maintained for the program. The application must be complete and include all required documentation.

All prospective nursing students must pass the Test of Essential Academic Skills exam (TEAS). This is a pre-entrance test that covers basic Math, Reading, English and Science. All applicants must pass the most recent TEAS version in order to apply to the program; no previous versions will be accepted. Students may prepare for this exam by going to the ATI testing website (<https://www.atitesting.com>). TEAS study guides and online practice exams are available for purchase through the website <https://www.atitesting.com/teas/teas-prep> (<https://www.atitesting.com/teas/teas-prep/>).

Under the multi-selection criteria, points are given for a successful TEAS exam score. All applicants are strongly advised to visit the program website for all TEAS policies, procedures and detailed information on remediation and repeating the exam at <https://www.grossmont.edu/academics/programs/nursing/students/future/apply.php>.

Please review the entire TEAS policy prior to taking the exam.

For all information on admission criteria, see the Nursing website at <https://www.grossmont.edu/academics/programs/nursing/>.

Career Opportunities

<https://www.grossmont.edu/student-support/career-center/resources.php>

Administrator¹
Clinic Nurse (Ambulatory Care)
Critical Care Nurse¹
Emergency Room / Lifeflight Nurse¹
Home Health Nurse¹
Hospital Staff Nurse
Industrial Nurse
Medical Researcher¹

Nurse Anesthetist¹
 Nurse Midwife¹
 Nurse Practitioner¹
 Office Nurse
 Public Health Nurse¹
 Teacher / Educator¹

¹ Additional education is required.

The Program-level Student Learning Outcomes (PSLOs) below are outcomes that students will achieve after completing specific degree / certificate requirements in this program. Students will:

1. Provide caring, patient-centered, safe and holistic care that is culturally sensitive and utilizes critical thinking within the framework of the nursing process and evidence-based principles.
2. Communicate effectively when providing care for multicultural patients and effectively promote patient advocacy for patients and families with integrity.
3. Safely implement the professional nursing role as defined by the California Nursing Practice Act and the American Nurses' Association principles of ethical practice.
4. Engage in life-long learning as part of the professional commitment of the Registered Nurse role.

General Education Requirements for Nursing Majors

All Allied Health and Nursing students adhere to the graduation requirements outlined in the college catalog for the academic year in which they enter the program.

Competency Requirement

1. Competency in reading, writing, expression shown by achieving a "C" grade or higher or in courses listed under Area A, Section 1 – Written Communication.
2. Competency in Mathematics shown by
 - a. Completion of MATH-120 Quantitative Reasoning or a higher numbered math course with a grade of "C" or higher or a grade of "P"; or a statistics course from another discipline with a grade of "C" or higher or a grade of "P"; or placing into a math course numbered MATH-170 Analytic Trigonometry or above.

Area A - Language and Rationality

Three courses (a minimum of nine units) are required in written communication, oral communication, and analytical thinking. At least one course must be taken from **each** of the following three sections:

1. Written Communication

Must be completed with a "C" grade or higher to satisfy the competency requirement.

Code	Title	Units
ENGL-120	College Composition and Reading ¹	3
ENGL-124	Advanced Composition: Critical Reasoning and Writing ¹	3
ESL-122	College Rhetoric ¹	6

¹ Course is required in the Nursing major.

2. Oral Communication

Code	Title	Units
COMM-120	Interpersonal Communication ¹	3
COMM-122	Public Speaking ¹	3

¹ Course is required in the Nursing major.

3. Analytical Thinking

Must be completed with a "C" grade or higher or "Pass" to satisfy the competency requirement.

Code	Title	Units
ANTH-215	Statistics for the Behavioral Sciences	4
BIO-215	Statistics for Life Sciences	3
ECON-215	Statistics for Business and Economics	4
MATH-120	Quantitative Reasoning	3
MATH-125	Structure and Concepts of Elementary Mathematics I	3
MATH-126	Structure and Concepts of Elementary Mathematics II	3
MATH-160	Elementary Statistics ¹	4
MATH-170	Analytic Trigonometry	3
MATH-175	College Algebra	4
MATH-176	Precalculus: Functions and Graphs	6
MATH-178	Calculus for Business, Social and Behavioral Sciences	4
MATH-180	Analytic Geometry and Calculus I	5
MATH-245	Discrete Mathematics	3
MATH-280	Analytic Geometry and Calculus II	4
MATH-281	Multivariable Calculus	4
MATH-284	Linear Algebra	3
MATH-285	Differential Equations	3
PSY-215	Statistics for the Behavioral Sciences	4
SOC-215	Statistics for the Behavioral Sciences	4

¹ Course is recommended for BSN/MSN transfer.

Area B - Natural Sciences

Two natural science courses (a minimum of seven units) are required. **All required science courses for the Nursing Major must include a lab.**

Code	Title	Units
ANTH-130	Introduction to Biological Anthropology ¹	3
ANTH-131	Biological Anthropology Laboratory ²	1
ASTR-110	Descriptive Astronomy ¹	3
ASTR-112	General Astronomy Laboratory ²	1
ASTR-120	Exploration of the Solar System	3
One of the following sequences:		8-9
Sequence A.		
BIO-140	Human Anatomy ³	
BIO-141	Human Physiology ^{1,3}	
BIO-141L	Laboratory in Human Physiology ^{2,3}	
Sequence B.		
BIO-144	Anatomy and Physiology I ³	
BIO-145	Anatomy and Physiology II ³	

BIO-152	Paramedical Microbiology ³	5
BIO-105	Marine Biology	4
BIO-110	Environmental Biology	4
BIO-112	Contemporary Issues in Environmental Resources ¹	3
BIO-114	Heredity, Evolution and Society ¹	3
BIO-118	Introduction to Human Biology ¹	3
BIO-120	Principles of Biology	4
BIO-230	Principles of Cellular, Molecular and Evolutionary Biology	4
BIO-240	Principles of Ecology, Evolution and Organismal Biology	5
CHEM-102	Introduction to General, Organic and Biological Chemistry ⁴	5
CHEM-110	Environmental Chemistry ¹	3
CHEM-113	Forensic Chemistry	4
CHEM-115	Fundamentals of Chemistry	4
CHEM-116	Introductory Organic and Biochemistry ⁴	4
CHEM-117	Introductory Biochemistry	3
CHEM-120	Preparation for General Chemistry	4
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
CHEM-231	Organic Chemistry I	5
CHEM-232	Organic Chemistry II	5
CHEM-241	Organic Chemistry I Lecture ¹	3
CHEM-241L	Organic Chemistry I Laboratory ²	2
CHEM-242	Organic Chemistry II Lecture ¹	3
CHEM-242L	Organic Chemistry II Laboratory ²	2
GEOG-120	Physical Geography: Earth Systems ¹	3
GEOG-121	Physical Geography: Earth Systems Laboratory ²	1
GEOG-140	Meteorology: Weather and Climate ¹	3
GEOL-104	Earth Science ¹	3
GEOL-110	Planet Earth ¹	3
GEOL-111	Planet Earth Laboratory ²	1
GEOL-121	Earth History	4
GEOL-210	Geology of California ¹	3
GEOL-220	Geology of the National Parks ¹	3
GEOL-230	Natural Disasters ¹	3
OCEA-112	Introduction to Oceanography ¹	3
OCEA-113	Oceanography Laboratory ²	1
PSC-100	Physical Science for Elementary Education ¹	3
PSC-110	Introduction to the Physical Sciences ¹	3
PSC-111	Introduction to Physical Sciences Laboratory ²	1
PHYC-110	Introductory Physics	4
PHYC-130	Fundamentals of Physics	4
PHYC-131	Fundamentals of Physics	4
PHYC-201	Mechanics and Waves	5
PHYC-202	Electricity, Magnetism, and Heat	5
PHYC-203	Light, Optics, and Modern Physics	5
SCI-110	Introduction to Scientific Thought ¹	3

¹ Course does not contain a laboratory component.

² Course is laboratory only.

³ Course is required in the Nursing major.

⁴ Course is recommended for BSN/MSN transfer.

Area C - Humanities

One humanities course (a minimum of three units) is required.

Code	Title	Units
ASL-120	American Sign Language I	4
ASL-121	American Sign Language II	4
ASL-140	Inside Deaf Culture	3
ASL-220	American Sign Language III	4
ASL-221	American Sign Language IV	4
ARBC-120	Arabic I	5
ARBC-121	Arabic II	5
ARBC-122	Arabic for the Arabic Speaker I	5
ARBC-123	Arabic for the Arabic Speaker II	5
ARBC-148	Language, Culture, and Literature of the Arab World	3
ARBC-220	Arabic III	5
ARBC-221	Arabic IV	5
ARBC-250	Conversational Arabic I	3
ARBC-251	Conversational Arabic II	3
ART-100	Art Appreciation	3
ART-120	Two-Dimensional Design	3
ART-124	Drawing I	3
ART-126	Ceramics I	3
ART-129	Three-Dimensional Design	3
ART-140	Survey of Western Art I: Prehistory Through Middle Ages	3
ART-141	Survey of Western Art II: Renaissance Through Modern	3
ART-142	Art of Africa, Oceania and the Americas	3
ART-143	Modern Art	3
ART-145	Contemporary Art	3
ART-146	Asian Art	3
ART-147	American Art	3
ART-171	Introduction to Digital Art	3
CHIN-120	Chinese I	5
CHIN-121	Chinese II	5
CHIN-220	Chinese III	5
CHIN-221	Chinese IV	5
CHIN-250	Conversational Chinese I	3
CHIN-251	Conversational Chinese II	3
COMM-135	Oral Interpretation of Literature	3
COMM-137	Critical Thinking in Group Communication	3
COMM-144	Communication Studies: Race and Ethnicity	3
COMM-145	Argumentation	3
DANC-110	Dance History	3
DANC-120	Dance Appreciation	3
ENGL-122	Introduction to Literature	3

ENGL-126	Introduction to Creative Writing	3	HIST-137	History of East Asia	3
ENGL-134	Creative Nonfiction Writing I	3	HIST-148	Modern Middle East History	3
ENGL-135	Creative Nonfiction Writing II	3	HUM-110	Principles of the Humanities	3
ENGL-136	Creative Nonfiction Writing III	3	HUM-120	European Humanities	3
ENGL-137	Creative Nonfiction Writing IV	3	HUM-125	Women and Western Culture	3
ENGL-201	Women, Gender, and Sexuality in Literature	3	HUM-130	East Asian Humanities	3
ENGL-203	Children's Literature	3	HUM-135	Blues as Literature, History, and Culture	3
ENGL-215	Mythology	3	HUM-140	Humanities of the Americas	3
ENGL-217	Fantasy and Science Fiction	3	HUM-160	Humanities of the Future	3
ENGL-218	Shakespeare - His Plays and the Theatre of His Time	3	HUM-170	Modern World Humanities	3
ENGL-219	Death and Dying in Literature	3	ITAL-120	Italian I	5
ENGL-221	British Literature I	3	ITAL-121	Italian II	5
ENGL-222	British Literature II	3	ITAL-220	Italian III	5
ENGL-231	American Literature I	3	ITAL-221	Italian IV	5
ENGL-232	American Literature II	3	ITAL-250	Conversational Italian I	3
ENGL-236	Chicana/o Literature	3	ITAL-251	Conversational Italian II	3
ENGL-237	American Indian Literature	3	JAPN-120	Japanese I	5
ENGL-238	Black Literature	3	JAPN-121	Japanese II	5
ENGL-277	Literary Theme	3	JAPN-149	Japanese Culture and Civilization	3
ESL-115	Exploring U.S. Cultures	6	JAPN-220	Japanese III	5
ETHN-126	Chicano/Chicana and Mexican Art	3	JAPN-221	Japanese IV	5
ETHN-127	La Chicana	3	JAPN-250	Conversational Japanese I	3
ETHN-134	Introduction to American Indian Art	3	JAPN-251	Conversational Japanese II	3
ETHN-143	Images of Black Women	3	MCOM-111	Introduction to Film Analysis	3
ETHN-144	Communication Studies: Race and Ethnicity	3	MUS-110	Great Music Listening	3
ETHN-236	Chicana/o Literature	3	MUS-111	The History of Jazz	3
ETHN-237	American Indian Literature	3	MUS-115	The History of Rock Music	3
ETHN-238	Black Literature	3	MUS-116	Introduction to World Music	3
FREN-120	French I	5	MUS-117	Introduction to Music History and Literature	3
FREN-121	French II	5	MUS-123	History of Hip Hop Culture	3
FREN-152	The French-Speaking World: A Cross- - Cultural Perspective	3	MUS-189	Multimedia and the Creative Arts	3
FREN-220	French III	5	PHIL-110	A General Introduction to Philosophy	3
FREN-221	French IV	5	PHIL-111	Philosophy and Popular Culture	3
FREN-250	Conversational French I	3	PHIL-115	History of Philosophy I: Ancient and Medieval	3
FREN-251	Conversational French II	3	PHIL-117	History of Philosophy II: Modern and Contemporary	3
GERM-120	German I	5	PHIL-140	Problems in Ethics	3
GERM-121	German II	5	PHIL-141	Bioethics	3
GERM-220	German III	5	PHIL-145	Social and Political Philosophy	3
GERM-221	German IV	5	PHIL-150	The Philosophy of Art	3
GERM-250	Conversational German I	3	PHIL-155	The Philosophy of Science	3
GERM-251	Conversational German II	3	PHIL-160	Latin American Philosophy	3
HIST-100	Early World History	3	PHOT-150	Introduction to Photography	3
HIST-101	Modern World History	3	PHOT-154	History of Photography	3
HIST-103	Twentieth Century World History	3	RELG-120	World Religions	3
HIST-105	Early Western Civilization	3	RELG-130	Scriptures of World Religions	3
HIST-106	Modern Western Civilization	3	RELG-140	Religion and Culture	3
HIST-113	American Military History	3	RELG-150	Asian Religions	3
HIST-126	History of Mexico	3	RELG-170	Introduction to Christianity	3
HIST-135	Ancient History of Western Civilization	3	RUSS-120	Russian I	5
HIST-136	Survey of Medieval History	3	RUSS-121	Russian II	5

RUSS-220	Russian III	5	ETHN-125	Cross-Cultural Psychology	3
RUSS-221	Russian IV	5	ETHN-128	Introduction to Chicana/o Studies	3
RUSS-250	Conversational Russian I	3	ETHN-130	U.S. History and Cultures: Native American Perspectives I	3
RUSS-251	Conversational Russian II	3	ETHN-131	U.S. History and Cultures: Native American Perspectives II	3
SPAN-120	Spanish I	5	ETHN-135	San Diego County American Indian Tribes	3
SPAN-121	Spanish II	5	ETHN-137	American Indian Culture and Heritage	3
SPAN-122	Spanish for the Native Speaker I	5	ETHN-138	The History and Cultures of California Indians	3
SPAN-123	Spanish for the Native Speaker II	5	ETHN-145	Introduction to Black Studies	3
SPAN-141	Spanish and Latin American Cultures	3	ETHN-160	U.S. History: Asian American and Pacific Island American Perspectives I	3
SPAN-145	Hispanic Civilizations	3	ETHN-161	U.S. History: Asian American and Pacific Island American Perspectives II	3
SPAN-220	Spanish III	5	ETHN-180	U.S. History: Black Perspectives I	3
SPAN-221	Spanish IV	5	ETHN-181	U.S. History: Black Perspectives II	3
SPAN-250	Conversational Spanish I	3	FS-115	Changing American Family	3
SPAN-251	Conversational Spanish II	3	FS-120	Human Development	3
THTR-101	Introduction to Narrative Theory	3	GEOG-100	Introduction to Global Studies	3
THTR-110	Introduction to the Theatre	3	GEOG-101	Global Issues	3
THTR-130	Acting I	3	GEOG-106	World Regional Geography	3
THTR-143	Historic Costume for the Theatre	3	GEOG-130	Human Geography: The Cultural Landscape	3
THTR-144	20th Century Fashion and Costume	3	GEOG-170	The Geography of California	3
THTR-205	The American Musical on Stage and Screen	3	GEND-116	Introduction to Women's Studies	3

Area D - Social Sciences

One social science course (a minimum of three units) is required.

Code	Title	Units	Code	Title	Units
AOJ-110	Introduction to Administration of Justice	3	GEND-117	Introduction to LGBTQ Studies	3
ANTH-120	Cultural Anthropology	3	GEND-154	Early History of Women in World Civilization	3
ANTH-122	Anthropology of Magic, Witchcraft, and Religion	3	GEND-155	Modern History of Women in World Civilization	3
ANTH-127	Cultures of Latin America	3	HED-120	Personal Health and Lifestyles	3
ANTH-140	Introduction to Archaeology	3	HED-201	Introduction to Public Health	3
CD-115	Changing American Family	3	HIST-107	History of Race & Ethnicity in the United States	3
CD-125	Child Growth and Development ¹	3	HIST-108	Early American History	3
CD-131	Child, Family and Community	3	HIST-109	Modern American History	3
CD-134	Health, Safety and Nutrition of Young Children	3	HIST-114	Comparative History of the Early Americas	3
CD-145	Child Abuse and Family Violence in Our Society	3	HIST-115	Comparative History of the Modern Americas	3
CD-153	Teaching in a Diverse Society	3	HIST-118	U.S. History: Chicano/Chicana Perspectives I	3
COMM-124	Intercultural Communication	3	HIST-119	U.S. History: Chicano/Chicana Perspectives II	3
COMM-126	Communication Studies: Health and Wellness	3	HIST-122	Women in Early American History	3
COMM-128	Global Communication	3	HIST-123	Women in Modern American History	3
ECON-110	Economic Issues and Policies	3	HIST-124	History of California	3
ECON-120	Principles of Macroeconomics	3	HIST-130	U.S. History and Cultures: Native American Perspectives I	3
ECON-121	Principles of Microeconomics	3	HIST-131	U.S. History and Cultures: Native American Perspectives II	3
ETHN-107	History of Race & Ethnicity in the United States	3	HIST-154	Early History of Women in World Civilization	3
ETHN-114	Introduction to Race & Ethnicity	3	HIST-155	Modern History of Women in World Civilization	3
ETHN-115	Introduction to Cultural Competence	3			
ETHN-118	U.S. History: Chicano/Chicana Perspectives I	3			
ETHN-119	U.S. History: Chicano/Chicana Perspective II	3			

HIST-160	U.S. History: Asian American and Pacific Island American Perspectives I	3	BIO-144	Anatomy and Physiology I	
HIST-161	U.S. History: Asian American and Pacific Island American Perspectives II	3	BIO-145	Anatomy and Physiology II	
HIST-180	U.S. History: Black Perspectives I	3	BIO-152	Paramedical Microbiology	5
HIST-181	U.S. History: Black Perspectives II	3	COMM-120	Interpersonal Communication	3
MCOM-110	Mass Media and Society	3	or COMM-122	Public Speaking	
MCOM-210	Social Media in the Digital Age	3	Select one of the following:		3-6
MCOM-250	Introduction to Representation in the Media	3	ENGL-120	College Composition and Reading	
NUTR-155	Introduction to Nutrition	3	ENGL-124	Advanced Composition: Critical Reasoning and Writing	
NUTR-158	Nutrition for Fitness and Sports	3	ESL-122	College Rhetoric	
NUTR-159	Cultural Aspects of Food and Nutrition	3	NURS-118	Nursing Pharmacology	2
POSC-120	Introduction to Politics and Political Analysis	3	NURS-120	Fundamentals of Nursing	8
POSC-121	Introduction to U.S. Government and Politics	3	NURS-130	Medical-Surgical Nursing I	5
POSC-124	Introduction to Comparative Government and Politics	3	NURS-132	Obstetric and Pediatric Nursing	5
POSC-130	Introduction to International Relations	3	NURS-220	Medical-Surgical Nursing II	5.5
POSC-140	Introduction to California Governments and Politics	3	NURS-222	Psychiatric and Community Health Nursing	5.5
POSC-150	Introduction to Political Theory	3	NURS-230	Medical-Surgical Nursing III	8
POSC-160	Politics in Film	3	PSY-120	Introductory Psychology	3
PSY-120	Introductory Psychology ²	3	SOC-114	Introduction to Race & Ethnicity	3
PSY-125	Cross-Cultural Psychology	3	or SOC-120	Introductory Sociology	
PSY-132	Psychology of Health	3	Units in the major		64-67
PSY-134	Human Sexuality	3	Plus Remaining General Education Requirements for Nursing Majors		6
PSY-138	Social Psychology	3	Total Units		70-73
PSY-140	Physiological Psychology	3	<i>Maximum totals include the 4 unit Anatomy course and the 6 unit ESL-122 College Rhetoric course.</i>		
PSY-170	Abnormal Psychology	3			
PSY-220	Learning	3			
RELG-165	Religion in America	3			
SOC-114	Introduction to Race & Ethnicity ²	3			
SOC-120	Introductory Sociology ²	3			
SOC-125	Marriage, Family, and Alternate Lifestyles	3			
SOC-130	Contemporary Social Problems	3			
SOC-138	Social Psychology	3			
SOC-140	Sex and Gender Across Cultures	3			
SOC-150	Latinx Communities in the United States	3			

¹ Course is recommended for BSN/MSN transfer.

² Course is required in the Nursing major.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
Choose one of the following sequences:		8
Sequence A.		
BIO-140	Human Anatomy	
BIO-141	Human Physiology	
BIO-141L	Laboratory in Human Physiology	
Sequence B.		