

# University Parallel Program: Associate in Arts Degree

The Associate in Arts (A.A.) Degree is designed for the student who plans to transfer to a Florida public university as a junior to complete a bachelor's degree. Through the A.A. Degree, Valencia offers lower division preparation for almost all of the approximately 200 majors in the State University System of Florida. The A.A. Degree provides the courses of study equivalent to those offered in the freshman and sophomore years (lower division) of Florida's state universities; a student who earns an A.A. Degree from Valencia meets the lower division general education requirements of a Florida state university but does not automatically meet the requirements for a particular major.

The A.A. Degree requirements consist of general education requirements and electives in preparation for a bachelor's degree. Many majors at the universities require that specific courses be taken as part of the A.A. Degree, both within general education and within the electives; known as common prerequisites these specific courses are to be taken during the lower division by all students who plan to enter a particular major within the university system. These requirements may be met by completing an A.A. Pre-Major at Valencia or by careful selection of courses for the Associate in Arts: General Studies. Catalogs and/or Web sites of the state universities list the courses, including the common prerequisites, that are to be taken at the community college in order to enter the junior year in a particular major at the university.

Valencia's Pre-Majors are designed for a student who plans to earn the Associate in Arts Degree and transfer to one of the eleven state universities in Florida as a junior to complete a bachelor's degree in one of the specific majors. Each Pre-Major includes the courses to satisfy Valencia's General Education requirements for the A.A. Degree as well as the statewide common prerequisites for the specific major. Valencia does offer a few Pre-Majors for transfer to private institutions in Florida. All of the Pre-Majors are included at the end of this section of the catalog.

The Associate in Arts Degree: General Studies is available for students who want a college degree and have not selected a Pre-Major for transfer to a state university in Florida and for students who plan to transfer to a private and/or out-of-state institution. Although the Pre-Majors provide the best preparation for transfer to specific majors in Florida's State University System, a student still may choose to earn the Associate in Arts: General Studies.

The Associate in Arts degree requires a minimum of 60 college-level credit hours including 36 hours in general education and 24 hours of electives.

If you plan to transfer to a Florida state university, it is very important that you take the courses at Valencia that are required for admission to your major at the university you plan to attend.

These common prerequisite requirements are available electronically through the university Web sites and on the Web at [www.facts.org](http://www.facts.org). Not all majors are offered at every university. For assistance in accessing information about majors, you may visit Career Development Services or the Atlas Access Lab on any campus where you also may complete, through the LifeMap Tools in Atlas, an educational plan to prepare you for a specific major(s). Once you have created an educational plan through Atlas, you may meet with a Student Services staff member to discuss the requirements for a particular major(s).

The A.A. Degree guarantees admission to one of the eleven state universities but not necessarily admission to a specific major (program). Certain majors are designated as "restricted access" or "limited access" programs meaning that they have admission requirements in addition to earning the A.A. Degree. These requirements may include: the completion of specific courses, a minimum grade point average in specific courses, a minimum grade point average in all course work, an interview, a minimum number of hours of related volunteer work, an audition, the submission of a portfolio, and/or a specified deadline(s). Requirements such as these are given in the university catalogs and Web sites and at [www.facts.org](http://www.facts.org). It is very important to find out if the major(s) in which you are interested is either "restricted access" or "limited access" and, if so, the exact requirements in addition to the A. A. Degree.

Although the A.A. Degree does not guarantee admission to a private and/or out-of-state institution, you can find out what the lower division requirements are for the institution and include all, or as many as possible, of the requirements in your A.A. Degree. To find out what the requirements are, you may visit Career Development Services on any campus, visit the institution's Web site or contact the institution directly. Although Valencia staff members cannot speak on behalf of other institutions, once you know the requirements, a Student Services staff member will assist you in developing an educational plan for your A.A. Degree.

In order to have a smooth academic transfer, it is very important that you take the initiative to know all of the requirements for your major at the institution to which you plan to transfer.

**NOTE:** It may be helpful to understand the typical organization of academic programs at a university. A university is composed of several colleges; each college contains several academic departments; each department includes various academic majors.

## Graduation Requirements for the Associate in Arts Degree

Responsibility for meeting the requirements for graduation with an Associate in Arts Degree rests with the student. To be awarded an A.A. Degree from Valencia Community College a student must do the following:

1. Complete a minimum of 60 hours of acceptable college-level credits of which a maximum of six elective credits may be in music ensemble courses and/or physical education activity courses; and a maximum of twelve credits may be in college-level English as a Second Language for Academic Purposes (EAP) courses; and a maximum of four credits may be in internship courses; and a maximum of four credits may be in SLS 2940 Service Learning; and a maximum of eight credits may be in military science courses; and a maximum of 45 credits may be in any combination of Advanced Placement (AP), College Level Examination Program (CLEP), correspondence and extension, credit by examination, DANTES, experiential learning, and International Baccalaureate.
2. Complete the 36 credit hours of General Education described in the A.A. Degree course requirements section.
3. Complete the 24 credit hours of electives described in the A.A. Degree course requirements section.
4. Satisfy the foreign language proficiency requirement described in the A.A. Degree course requirements section.
5. Satisfy entry assessment requirements and complete with a grade of C or better all required college-preparatory courses in reading, mathematics, and English.
6. Earn a cumulative grade point average (GPA) of at least 2.0 in:
  - all earned credit hours at Valencia (Institutional GPA)
  - all earned credit hours (Overall GPA)
  - all earned credit hours that apply toward the degree (Program GPA)
7. Submit official transcripts of all college course work, including course work attempted following initial enrollment at Valencia.
8. Complete at Valencia at least 25% of the college-level credit hours required for the degree.
9. Complete with a grade of C or better the courses which satisfy the Gordon Rule requirements (6-A 10.30 Florida Administrative Code):
  - ENC 1101 or ENC 1101H
  - ENC 1102 or ENC 1102H
  - Two three-hour General Education Area 2(b) Humanities courses—one of which has an HUM prefix and both of which require 6,000 words of writing
  - Six hours of General Education Area 3 Mathematics courses.
10. Satisfy the College-Level Academic Skills Program (CLASP) requirements by taking and passing the four components of the College-Level Academic Skills Test (CLAST) after earning

at least 18 college-level credit hours including ENC 1101 and ENC 1102 or their equivalents for a total of six credit hours and a General Education Area 3 Mathematics course or document satisfaction of the CLASP requirement by a State-approved alternative method.

11. Obtain a degree audit through your Atlas account and review it for readiness to submit your application for graduation.
12. Submit an application for graduation online through Atlas or in the Answer Center by the deadline date listed in the Academic Calendar in the online official catalog.
13. Fulfill all financial obligations to Valencia.

### IMPORTANT NOTES:

1. Valencia graduates students at the end of each major term (Fall, Spring and Summer) and holds an annual commencement ceremony at the end of Spring term.
2. Your governing catalog is the Valencia Community College Catalog in effect at the time of your initial enrollment in credit courses at Valencia. A Valencia Catalog is valid for five academic years. You may follow the policies and graduation requirements in your governing catalog for the five academic years except when changed by law or by the District Board of Trustees. You may officially declare any subsequent catalog as your governing catalog and follow its requirements for your initial degree or certificate program until that catalog expires; however, if you change your degree or certificate program, you are required to choose from the current degree and certificate program offerings and follow the graduation requirements of the current catalog. If your governing catalog has expired, your new governing catalog will be the catalog in effect in your next term of enrollment.

The official version of this catalog is the online version at <http://valenciacc.edu/catalog>.

Should the District Board of Trustees approve changes in program requirements to be effective within an academic year, the revised requirements will be available in the official online catalog.

3. You may earn only one Associate in Arts Degree, whether it is in General Studies or is an Associate in Arts Pre-Major. In addition to an Associate in Arts Degree, you may earn any number of Associate in Applied Science and/or Associate in Science Degrees.

If you want to earn more than one degree at Valencia, you may complete the first degree and then pursue another degree or you may pursue two or more degrees at the same time. Whenever possible, a course will be applied to more than one degree.

4. You will not receive grade forgiveness for any course that counts toward your degree and is repeated after you have been awarded the degree from Valencia.

## Associate in Arts Degree Course Requirements at Valencia Community College

The Associate in Arts Degree requires a minimum of 60 college-level credit hours including 36 hours in general education, 24 hours of acceptable electives, and satisfaction of the foreign language proficiency requirement.

### A. General Education Requirements for the Associate in Arts Degree 36 Credits

The general education program at Valencia is designed to contribute to the student's educational growth by providing a basic liberal arts education and it is an integral part of the A.A. Degree program.

There are two approaches to general education at Valencia. The first is 36 semester hours of academic credit which serve as the core of the curriculum. The 36 hours are selected from 5 core areas of academic courses offered at Valencia: Communications, Humanities, Mathematics, Science and Social Sciences. The second approach is the 24-semester-hour Interdisciplinary Studies Honors Program and completion of SPC 1600, POS 2041, and the six-semester-hour mathematics requirement outlined in Area 3. The description of the first approach follows, and the second approach is described in the Honors section of this catalog.

When a number of courses may be used to satisfy a degree requirement, a course attribute code identifies each course that may be used to satisfy that specific requirement.

#### AREA 1. COMMUNICATIONS 9 Credits

Required Courses - A minimum of nine semester hours of credit. These composition courses must be completed with a minimum grade of C.)

##### Freshman Composition I

(The following courses have attribute codes: COMM, ENC1, GREG)

ENC 1101 Freshman Composition I (3 cr) or  
ENC 1101H Freshman Composition I - Honors (3 cr)

AND

##### Freshman Composition II

(The following courses have attribute codes: COMM, ENC2, GREG)

ENC 1102 Freshman Composition II (3 cr) or  
ENC 1102H Freshman Composition II - Honors (3 cr)

AND

##### Fundamentals of Speech

(The following courses have attribute codes: COMM, SPC)

SPC 1600 Fundamentals of Speech (3 cr) or  
SPC 1600H Fundamentals of Speech - Honors (3 cr)

#### AREA 2. HUMANITIES 9 Credits

Required Courses - A minimum of nine semester hours of credit.

(a) Complete one course from the list below or from Area 2 (b). Courses listed in AREA 2 (a) do NOT satisfy the Gordon Rule writing requirement.

(The following courses have attribute code: HUMN)

##### Architecture

ARC 2702 History of Architecture II (3 cr)

##### Art

ARH 1000 The Visual Arts Today (3 cr)  
ARH 2050 Introduction to Art History I (3 cr)

##### Film

ENG 2100 Introduction to Film (3 cr)

##### Foreign Language

FRE 2200 Intermediate French I (3 cr)  
FRE 2201 Intermediate French II (3 cr)  
GER 2200 Intermediate German I (3 cr)  
GER 2201 Intermediate German II (3 cr)  
SPN 2200 Intermediate Spanish I (3 cr)  
SPN 2201 Intermediate Spanish II (3 cr)  
SPN 2201H Intermediate Spanish II - Honors (3 cr)

##### Humanities

HUM 1020 Introduction to Humanities (3 cr)  
HUM 2930 Selected Topics in Humanities (1-3 cr)

##### Music

MUL 1010 Music Appreciation (3 cr)  
MUT 1121 Musicianship I (4 cr)

##### Philosophy

PHI 2010 Philosophy (3 cr)  
PHI 2600 Ethics and Critical Thinking (3 cr)  
PHI 2604 Medical Ethics and Critical Thinking (3 cr)

##### Religion

REL 2000 Understanding Religious Traditions (3 cr)

##### Theater

THE 1020 Introduction to Theater (3 cr)

##### PLUS:

(b) Complete two of the following courses, one of which must have an HUM prefix. These are Gordon Rule writing courses, and to apply toward the Gordon Rule requirement, a course must be completed with a minimum grade of C. Each of these courses has a prerequisite of ENC 1101 Freshman Composition completed with a minimum grade of C.

(The following courses have attribute code: GRHM, HUMH)

##### Humanities

HUM 2220 Humanities - Greek and Roman (3 cr) or  
HUM 2220H Humanities - Greek and Roman - Honors (3 cr)  
HUM 2223 Humanities - Late Roman and Medieval (3 cr) or  
HUM 2223H Humanities - Late Roman and Medieval Honors (3 cr)  
HUM 2232 Humanities - Renaissance and Baroque (3 cr) or  
HUM 2232H Humanities - Renaissance and Baroque - Honors (3 cr)  
HUM 2234 Humanities - Enlightenment and Romanticism (3 cr) or  
HUM 2234H Humanities - Enlightenment and Romanticism Honors (3 cr)

HUM 2250	Humanities - Twentieth Century (3 cr) or
HUM 2250H	Humanities - Twentieth Century - Honors (3 cr)
HUM 2310	Mythology (3 cr) or
HUM 2310H	Mythology - Honors (3 cr)
HUM 2410	Asian Humanities (3 cr)
HUM 2454	African-American Humanities (3 cr)
HUM 2461	Latin American Humanities (3 cr)

*(The following courses have attribute codes: GRHM, HUMN)*

#### Architecture

ARC 1701	History of Architecture I (3 cr)
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#### Art

ARH 2051	Introduction to Art History II (3 cr)
ARH 2051H	Introduction to Art History II - Honors (3 cr)

#### History

EUH 2000*	Western Civilization to 1750 (3 cr)
EUH 2001*	Western Civilization 1750 to Present (3 cr)

#### Literature

AML 2011	American Literature: Colonial Period to Civil War (3 cr)
AML 2021	American Literature: Civil War to Present (3 cr) or
AML 2021H	American Literature: Civil War to Present Honors (3 cr)
ENL 2012	English Literature: 1300 to 1800 (3 cr)
ENL 2022	English Literature: 1800 to Present (3 cr)
LIT 2090	Contemporary Literature (3 cr) or
LIT 2090H	Contemporary Literature - Honors (3 cr)
LIT 2110	World Literature: Beginning through Renaissance (3 cr)
LIT 2120	World Literature: Enlightenment to Present (3 cr) or
LIT 2120H	World Literature: Enlightenment to Present - Honors (3 cr)

#### Music

MUL 1110	Music Literature (3 cr)
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#### Political Science

INR 2002*	International Politics (3 cr) or
INR 2002H*	International Politics - Honors (3 cr)

\* EUH 2000, EUH 2001, INR 2002 and INR 2002H are Gordon Rule writing courses which require 6,000 words of writing and have attribute codes: GRHM, HUMN. Although these courses may apply toward either Humanities or Social Sciences, the same course cannot apply toward both Humanities and Social Sciences.

### AREA 3. MATHEMATICS

**6 Credits**

Required Courses - A minimum of six semester hours of credit. These are Gordon Rule mathematics courses, and to apply toward the Gordon Rule requirement, a course must be completed with a minimum grade of C.

*(The following courses have attribute code: GRMT)*

MAC 1105	College Algebra (3 cr)
MAC 1114	College Trigonometry (3 cr)
MAC 1140	Precalculus Algebra (3 cr)

MAC 1147	Precalculus (5 cr)
MAC 2233	Calculus for Business and Social Science (3 cr)
MAC 2311	Calculus w/Analytic Geometry I (5 cr) or
MAC 2311H	Calculus w/Analytic Geometry I - Honors (5 cr)
MAC 2312	Calculus w/Analytic Geometry II (5 cr) or
MAC 2312H	Calculus w/Analytic Geometry II - Honors (5 cr)
MAC 2313	Calculus w/Analytic Geometry III (4 cr)
MAP 2302	Differential Equations (3 cr)
MAS 2103	Introduction to Linear Algebra (3 cr) or
MAS 2103H	Introduction to Linear Algebra - Honors (3 cr)
MGF 1106	College Mathematics (3 cr)
MGF 1107	Mathematics for the Liberal Arts (3 cr)
MHF 2300	Logic and Proof in Mathematics (3 cr) or
MHF 2300H	Logic and Proof in Mathematics - Honors(3cr)
MTG 2204	Informal Geometry (3 cr)

*(The following courses have attribute code: GRQN)*

STA 2023	Statistical Methods (3 cr) or
STA 2023H	Statistical Methods - Honors (3 cr) or
STA 2930	Selected Topics in Statistics (3 cr)

### AREA 4. SCIENCE

**6 Credits**

Required Courses - A minimum of six semester hours of credit.

Valencia does not require a science course with a laboratory; however, university majors determine if the student must take one or more laboratory science courses at Valencia. To select the most appropriate science courses for your major, complete an educational plan through Atlas.

*(The following courses have attribute code: AASC)*

AST 1002	Astronomy (3 cr) or
AST 1002H	Astronomy - Honors (3 cr)
AST 2930	Selected Topics in Astronomy (1-3 cr)
BOT 2010C	Botany (4 cr)
BOT 2932	Selected Topics in Botany (1-3 cr)
BSC 1005	Biological Science (3 cr)
BSC 1005L	Lab in Applied Biology (1 cr)
BSC 1010C	Fundamentals of Biology I (4 cr) or
BSC 1010H	Fundamentals of Biology I - Honors (4 cr)
BSC 1011C	Fundamentals of Biology II (4 cr) or
BSC 1011H	Fundamentals of Biology II - Honors (4 cr)
BSC 1026	Biology of Human Sexuality (3 cr)
BSC 1050	Environmental Science (3 cr)
BSC 2093C	Human Anatomy and Physiology I (4 cr)
BSC 2094C	Human Anatomy and Physiology II (4 cr)
BSC 2933	Selected Topics in Biology (1-3 cr)
CHM 1020	Chemistry in Everyday Life (3 cr)
CHM 1025C	Introduction to General Chemistry (4 cr)
CHM 1045C	Gen. Chemistry w/Qualitative Analysis I (4 cr) or
CHM 1045H	Gen. Chemistry w/Qualitative Analysis I - Honors (4 cr)
CHM 1046C	Gen. Chemistry w/Qualitative Analysis II (4 cr) or
CHM 1046H	Gen. Chemistry with Qualitative Analysis II - Honors (4 cr)
CHM 1205C	Introductory Organic and Biochemistry (4 cr)
CHM 2210C	Organic Chemistry I (4 cr)
CHM 2211C	Organic Chemistry II (4 cr)
CHM 2933	Special Topics in Chemistry (1-3 cr)
GLY 1001	Earth Sciences (3 cr)
GLY 2010C	Physical Geology (4 cr)

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GLY 2100C	Historical Geology (4 cr) or
GLY 2100H	Historical Geology - Honors (4 cr)
GLY 2930	Selected Topics in Geology (1-3 cr)
MCB 2000C	Microbiology (4 cr)
MCB 2930	Selected Topics in Microbiology (1-3 cr)
MET 1010	Introduction to Meteorology (3 cr)
OCB 2003C	Marine Biology (4 cr)
OCB 2930	Selected Topics in Marine Biology (1-3 cr)
OCE 1001	Introduction to Oceanography (3 cr)
PCB 1435	Florida Environmental Systems (3 cr)
PCB 1435H	Florida Environmental Systems (3 cr)
PCB 2300C	Aquatic Biology (3 cr)
PCB 2304	Natural History of Florida Rivers (1 cr)
PCB 2930	Selected Topics in Ecology (1-3 cr)
PHY 1007C	Physics (4 cr)
PHY 1053C	Introductory Physics I (4 cr)
PHY 1054C	Introductory Physics II (4 cr)
PHY 2048C	General Physics w/Calculus I (4 cr)
PHY 2049C	General Physics w/Calculus II (4 cr)
PHY 2936	Selected Topics in Physics (1-3 cr)
PSC 1020C	Fundamentals of Physical Science (4 cr)
PSC 2121	Selected Topics in Physical Science (1-3 cr)
ZOO 2010C	General Zoology (4 cr) or
ZOO 2010H	General Zoology - Honors (4 cr)
ZOO 2511	Behavior of Wild Horses (3 cr)
ZOO 2930	Selected Topics in Zoology (1-3 cr)

#### AREA 5. SOCIAL SCIENCES

6 Credits

Required Courses - A minimum of six semester hours of credit including POS 2041 U.S. Government and another of the listed courses.

##### U.S. Government

*(The following courses have attribute code: POS)*

POS 2041	U.S. Government (3 cr) or
POS 2041H	U.S. Government - Honors (3 cr)

**And one of these listed courses** *(which have attribute code: AASS except as indicated in the footnote.)\**

AFA 2000	Introduction to the African-American Experience (3 cr)
AMH 2010	United States History to 1877 (3 cr) or
AMH 2010H	United States History to 1877 - Honors (3 cr)
AMH 2020	United States History 1877 to Present (3 cr) or
AMH 2020H	United States History 1877 to Present - Honors (3 cr)
ANT 2000	Introduction to Anthropology (3 cr) or
ECO 1000	Basic Economics (3 cr)
ECO 2013	Principles of Economics-Macro (3 cr) or
ECO 2013H	Principles of Economics-Macro - Honors (3 cr)
ECO 2023	Principles of Economics-Micro (3 cr) or
ECO 2023H	Principles of Economics-Micro - Honors (3 cr)
EUH 2000*	Western Civilization to 1750 (3 cr) or
EUH 2001*	Western Civilization 1750 to Present (3 cr)
HIS 2206	Recent and Contemporary History (3 cr)
INR 2002*	International Politics (3 cr) or
INR 2002H*	International Politics - Honors (3 cr)
POS 2112	State and Local Government (3 cr)
PSY 1012	General Psychology (3 cr) or
PSY 1012H	General Psychology - Honors (3 cr)
SYG 2000	Introductory Sociology (3 cr) or
SYG 2000H	Introductory Sociology - Honors (3 cr)

\* EUH 2000, EUH 2001, INR 2002 and INR 2002H are Gordon Rule writing courses which require 6,000 words of writing and have attribute codes: GRHM, HUMN. Although these courses may apply toward either Humanities or Social Sciences, the same course cannot apply toward both Humanities and Social Sciences.

#### B. Electives/Required Prerequisites for Major

24 Credits

Most college-level credit courses taught at Valencia will count toward elective credit. Any credit hours in excess of the minimum required in any of the five core areas listed above will count as elective credits. University majors require certain prerequisite courses before transferring; these are the courses that should be taken as electives at Valencia.

To select the most appropriate electives, create an educational plan through Atlas for review with a Student Services staff member.

#### C. Foreign Language Proficiency Requirement

Valencia's college-level foreign language proficiency requirement can be satisfied in one of the ways listed below. Satisfaction of this graduation requirement for Valencia also satisfies the foreign language admission requirement for Florida public universities; it may or may not satisfy a specific university graduation requirement. Students are encouraged to find out the specific requirements of institutions in which they are interested.

- Completion of two credits (two years) of sequential high school instruction in one foreign language with a passing grade each year or
- Successful completion of nine semester hours of college credit in one foreign language or
- For students with foreign language knowledge, successful completion of the last course in the nine-hour language sequence (for example, passing FRE 1101, GER 1101, POR 1101 or SPN 1101) or
- Demonstration of proficiency by passing a CLEP (College Level Examination Program) foreign language test or a foreign language proficiency test administered by the University of Central Florida.

Students whose native language is a language other than English may be eligible for an exemption by demonstration of foreign language proficiency through course work on a high school transcript from a non-English speaking country and completion of Area I of the Associate in Arts Degree general education requirements.

Students who earn college-level foreign language credits through course work or CLEP may apply these credits toward the 24 hours of electives.

Successful completion of one of the following nine-hour foreign language sequences satisfies the foreign language proficiency requirement at Valencia:

FRE 1000	Basic French (3 cr)		Code	<b>Architecture</b>	
FRE 1100	Elementary French I (3 cr)			ARC 1701	History of Architecture I (3 cr)
FRE 1101	Elementary French II (3 cr)		FORL	<b>Art</b>	
OR				ARH 2051	Introduction to Art History II (3 cr)
GER 1000	Basic German (3 cr)			ARH 2051H	Introduction to Art History II - Honors (3 cr)
GER 1100	Elementary German I (3 cr)				
GER 1101	Elementary German II (3 cr)		FORL	<b>History</b>	
OR				EUH 2000	Western Civilization to 1750 (3 cr)
POR 1000	Basic Portuguese (3 cr)			EUH 2001	Western Civilization 1750 to Present (3 cr)
POR 1100	Elementary Portuguese I (3 cr)				
POR 1101	Elementary Portuguese II (3 cr)		FORL	<b>Humanities</b>	
OR				HUM 2220	Humanities - Greek and Roman (3 cr) or
SPN 1000	Basic Spanish (3 cr)			HUM 2220H	Humanities - Greek and Roman - Honors (3 cr)
SPN 1100	Elementary Spanish I (3 cr)			HUM 2223	Humanities - Late Roman and Medieval (3 cr)
SPN 1101	Elementary Spanish II (3 cr)		FORL		or

Demonstrated college-level proficiency in American Sign Language (either through completion of nine semester hours or successful completion of SPA 2614) can be used to fulfill this requirement at Valencia.

NOTE: American Sign Language cannot be used to fulfill the foreign language graduation requirement at many universities. Students are responsible for verifying acceptability at the institution to which they plan to transfer.

SPA 2612	American Sign Language I (4 cr)		Code	HUM 2223H	Humanities - Late Roman and Medieval Honors (3 cr)
SPA 2613	American Sign Language II (4 cr)			HUM 2232	Humanities - Renaissance and Baroque (3 cr) or
SPA 2614	American Sign Language III (4 cr)		FORL	HUM 2232H	Humanities - Renaissance and Baroque - Honors (3 cr)

## The Gordon Rule

State Board of Education Rule 6A-10.030, the Gordon Rule, requires that students complete with grades of C or better 12 credit hours in designated courses that involve substantial writing (a total of 24,000 words) and six credit hours of mathematics course work at the level of college algebra or higher. These courses must be completed successfully (grades of C or better) prior to the receipt of an A.A. Degree and prior to entry into the upper division of a Florida public university.

For graduation with the Associate in Arts Degree from Valencia, the Gordon Rule requirements can be satisfied by completing either the Writing and Mathematics requirements listed below or the Interdisciplinary Studies Program and the Mathematics requirement.

### Writing

(Each of the following courses requires 6,000 words of writing.)

#### Required

ENC 1101	Freshman Composition I (3 cr) or
ENC 1101H	Freshman Composition I - Honors (3 cr)
ENC 1102	Freshman Composition II (3 cr) or
ENC 1102H	Freshman Composition II - Honors (3 cr)

Upon completion of ENC 1101 Freshman Composition I with a grade of C or better, students must complete, with grades of C or better, at least 6 credits from the list that follows. One course must have an HUM prefix.

HUM 2234	Humanities - Enlightenment and Romanticism (3 cr) or
HUM 2234H	Humanities - Enlightenment and Romanticism Honors (3 cr)
HUM 2250	Humanities - Twentieth Century (3 cr) or
HUM 2250H	Humanities - Twentieth Century - Honors (3 cr)
HUM 2310	Mythology (3 cr) or
HUM 2310H	Mythology - Honors (3 cr)
HUM 2410	Asian Humanities (3 cr)
HUM 2454	African-American Humanities (3 cr)
HUM 2461	Latin American Humanities (3 cr)

#### Literature

AML 2011	American Literature: Colonial Period to Civil War (3 cr) or
AML 2021	American Literature: Civil War to Present (3 cr) or
AML 2021H	American Literature: Civil War to Present Honors (3 cr)
ENL 2012	English Literature: 1300 to 1800 (3 cr)
ENL 2022	English Literature: 1800 to Present (3 cr)
LIT 2090	Contemporary Literature (3 cr) or
LIT 2090H	Contemporary Literature - Honors (3 cr)
LIT 2110	World Literature: Beginning through Renaissance (3 cr)
LIT 2120	World Literature: Enlightenment to Present (3 cr) or
LIT 2120H	World Literature: Enlightenment to Present - Honors (3 cr)

#### Music

MUL 1110	Music Literature (3 cr)
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#### Political Science

INR 2002	International Politics (3 cr) or
INR 2002H	International Politics - Honors (3 cr)

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## Mathematics:

Students must complete, with grades of C or better, at least 6 credits from the following list:

MAC 1105	College Algebra (3 cr)
MAC 1114	College Trigonometry (3 cr)
MAC 1140	Precalculus Algebra (3 cr)
MAC 1147	Precalculus (5 cr)
MAC 2233	Calculus for Business and Social Science (3 cr)
MAC 2311	Calculus w/Analytic Geometry I (5 cr) or
MAC 2311H	Calculus w/Analytic Geometry I - Honors (5 cr)
MAC 2312	Calculus w/Analytic Geometry II (5 cr) or
MAC 2312H	Calculus w/Analytic Geometry II - Honors (5 cr)
MAC 2313	Calculus w/Analytic Geometry III (4 cr)
MAP 2302	Differential Equations (3 cr)
MAS 2103	Introduction to Linear Algebra (3 cr) or
MAS 2103H	Introduction to Linear Algebra - Honors (3 cr)
MGF 1106	College Mathematics (3 cr)
MGF 1107	Mathematics for the Liberal Arts (3 cr)
MHF 2300	Logic and Proof in Mathematics (3 cr) or
MHF 2300H	Logic and Proof in Mathematics - Honors (3 cr)
MTG 2204	Informal Geometry (3 cr)
STA 2023	Statistical Methods (3 cr) or
STA 2023H	Statistical Methods - Honors (3 cr) or
STA 2930	Selected Topics in Statistics (3 cr)

## College-Level Academic Skills Program (CLASP) and Test (CLAST)

Florida Statutes and rules of the State Board of Education require students in the following categories to demonstrate proficiency in communication and computation:

1. Those seeking the Associate in Arts Degree. (CLAST is not required to receive the Associate in Applied Science or the Associate in Science Degree.)
2. Those who will transfer to a state university with 60 or more hours.

The CLAST is a method to demonstrate competency in English Language Skills, Essay, Mathematics and Reading. Alternative means to meet the requirement have been approved for those students who meet specific guidelines.

To be eligible for CLAST, students must have completed successfully a minimum of 18 hours of college-level work including Freshman Composition I and II, or their equivalent, and a math course from the list of AREA 3 Math courses under General Education Requirements. To be considered as completed successfully, these English and Math courses must be completed with a minimum grade of C.

Alternative ways to meet College-Level Academic Skills Test requirements are available. Students may qualify for an Alternative based on grades in a minimum of six credits in specific courses. To qualify for the Alternative to the CLAST subtests in English Language Skills, Essay, and Reading, a student must have a 2.5 GPA in six credits of ENC 1101 and ENC

1102 or their equivalent. To qualify for the Alternative to the CLAST subtest in mathematics, a student must have a 2.5 GPA in two courses (minimum of six credits) that apply toward the mathematics requirement for general education in the A.A. Degree at Valencia Community College.

A second alternative method requires specific scores on the SAT-I or Enhanced ACT or equivalents on their original scales:

		Enhanced		Section(s)
SAT-I	Score	or ACT	Score	Exempted
Critical Read	500	English	21	English and Essay
Critical Read	500	Reading	22	Reading
Mathematics	500	Mathematics	21	Mathematics

It is possible to satisfy the CLASP requirements through a combination of passing one or more CLAST subtests and using the Alternative(s) for one or more subtests.

Visit a campus Assessment office to register for the CLAST. There is a \$25 CLAST examination fee for the pencil and paper version of the test per CLAST registration period, and there is a registration deadline. See the Academic Calendar in the online official catalog for the registration deadlines and test dates.

The Computer Adapted Test (CAT-CLAST) is given weekly on the West Campus and is available to those students who need only the computation, reading and/or English language skills subtests of the CLAST. With the CAT-CLAST you will know your score(s) immediately, though it may take up to four weeks for the scores to become official and appear on your Valencia record. To register for the CAT-CLAST, visit the Assessment Office on East, Osceola or West Campus or Student Services at the Winter Park Campus. There is a \$10 examination fee for the CAT-CLAST for each appointment, and you can take up to three subtests per appointment. All test fees are non-refundable and non-transferable.

Regardless of the version of the CLAST you take, a minimum of 31 days must have passed between attempts on the same subtest. If you take the same subtest in less than 31 days, your scores will be invalid.

To assist you in preparing for the CLAST, Valencia teaches CLASP skills in computation, English language, essay, and reading in courses in each of those academic disciplines. The skills are reinforced in virtually all appropriate courses offered at Valencia and immediately before each CLAST, with CLAST review sessions in all four areas. Valencia has created online review materials for each of the CLAST subtests. The online CLAST review materials can be accessed via your Atlas account under the Student Services tab. You can obtain additional support to strengthen CLASP skills through the Student Support Centers for communications and mathematics. Also, the campus Learning Resources Centers (LRCs) have preparation materials. Videos for each academic discipline may be viewed in the LRCs and books are available that provide sample questions and preparation techniques. In addition, special help is provided through the West Campus Writing Center. On the Web you can find links to additional review materials by visiting <http://valenciacc.edu/assessments>.

The computation and communication competencies required are:

## Reading Skills

### Literal Comprehension

- Recognize main ideas
- Identify supporting details
- Determine meaning of words

### Critical Comprehension

- Recognize author's purpose
- Identify author's overall organizational pattern
- Distinguish between fact and opinion
- Detect bias
- Recognize author's tone
- Recognize relationships within sentences
- Recognize relationships between sentences
- Recognize valid arguments
- Draw inferences and conclusions

### Essay Skills

- Select a subject which lends itself to development
- Determine the purpose and audience for writing
- Limit a subject to requirements of time, purpose, and audience
- Formulate a thesis or main idea statement
- Provide adequate supporting details
- Arrange ideas and details in an organizational pattern appropriate to the purpose and focus
- Write unified prose with relevant supporting material
- Write coherent prose with effective transitions between parts
- Avoid slang, jargon, clichés, and pretentious expressions
- Use a variety of sentence patterns
- Avoid overuse of passive construction
- Maintain consistent point of view
- Revise, edit, and proofread for clarity, consistency, and conformity to standard American English

All of the skills tested on the English language skills subtest are also tested on the essay subtest.

## English Language Skills

### Word Choice Skills

- Use words which convey the meaning required by context
- Avoid wordiness

### Sentence Structure Skills

- Place modifiers correctly
- Coordinate and subordinate sentence elements
- Use parallel expressions for parallel ideas
- Avoid fragments, comma splices, and fused sentences

### Grammar, Spelling, Capitalization, and Punctuation Skills

- Use standard verb forms
- Maintain agreement between subject and verb, pronoun and antecedent
- Use proper case forms
- Use adjectives and adverbs correctly
- Avoid inappropriate shifts in verb tenses

- Make logical comparisons
- Use standard spelling, punctuation, and capitalization

## Mathematics Skills

### Arithmetic Skills

- Add, subtract, multiply and divide rational numbers in fractional form
- Add, subtract, multiply and divide rational numbers in decimal form
- Calculate percent increase and percent decrease
- Solve "a% of b is c," where two of the variables are given
- Recognize the meaning of exponents
- Recognize the role of the base number in the base-ten numeration system
- Identify equivalent forms of decimals, percents, and fractions
- Determine the order relation between real numbers
- Identify a reasonable estimate of a sum, average, or product
- Infer relations between numbers in general by examining number pairs
- Solve real-world problems which do not involve the use of percent
- Solve real-world problems which involve the use of percent
- Solve problems that involve the structure and logic of arithmetic

### Geometry and Measurement Skills

- Round measurements
- Calculate distance, area and volume
- Identify relationships between angle measures
- Classify simple plane figures by recognizing their properties
- Recognize similar triangles and their properties
- Identify units of measurement for geometric objects
- Infer formulas for measuring geometric figures
- Select applicable formulas for computing measures of geometric figures
- Solve real-world problems involving perimeters, areas, and volumes of geometric figures
- Solve real-world problems involving the Pythagorean property

### Algebra Skills

- Add, subtract, multiply and divide real numbers
- Apply the order of operations agreement
- Use scientific notation
- Solve linear equations and inequalities
- Use formulas to compute results
- Find particular values of a function
- Factor a quadratic expression
- Find the roots of a quadratic equation
- Solve a system of two linear equations in two unknowns
- Use properties of operations correctly
- Determine whether a number is among the solutions of a given equation or inequality
- Recognize statements and conditions of proportionality and variation
- Identify regions of the coordinate plane which correspond to specific conditions and vice versa
- Use applicable properties to select equivalent equations or inequalities

*continued*

- Solve real-world problems involving the use of variables
- Solve problems that involve the structure and logic of algebra

### Statistics Skills, Including Probability

- Identify information contained in graphs
- Determine the mean, median and mode
- Use the fundamental counting principle
- Recognize properties and interrelationships among the mean, median and mode
- Choose the most appropriate procedures for selecting an unbiased sample
- Identify the probability of a specified outcome
- Infer relations and make accurate predictions from studying statistical data
- Interpret real-world data involving frequency and cumulative frequency tables
- Solve real-world problems involving probabilities

### Logical Reasoning Skills

- Deduce facts of set inclusion or set non-inclusion from a diagram
- Identify the negations of simple and compound statements
- Determine equivalence and nonequivalence of statements
- Draw logical conclusions from data
- Recognize invalid arguments with true conclusions
- Recognize valid reasoning patterns shown in everyday language
- Select applicable rules for transforming statements without affecting their meaning
- Draw logical conclusions when facts warrant them

## Community College Associate in Arts Transfer Guarantees

Community College Associate in Arts graduates are guaranteed certain rights under the statewide Articulation Agreement 6A-10.024. This Articulation Agreement governs the transfer of students from Florida public community colleges to the state university system. The agreement addresses General Admission to a state university and Program Admission.

### General Admission to Florida State Universities

#### Guarantees

The Florida Articulation Agreement designates the Associate in Arts degree as the transfer degree to Florida state universities. In doing so, the Agreement guarantees that:

1. Community college A.A. Degree holders will be granted admission to one of the eleven (11) state universities but not necessarily to limited access programs.
2. Upon transferring to a state university, A.A. Degree graduates will be awarded at least 60 credit hours towards the baccalaureate degree.
3. The university catalog in effect the year the A.A. Degree student first enrolled at the community college will remain in

effect for the student's program at the university, provided the student maintains continuous enrollment as defined in that catalog.

4. Once a student has completed the General Education Core courses and this is so noted on the transcript, regardless of whether or not an A.A. Degree is awarded, no other state university or state community college to which the student may transfer can require additional General Education Core courses.
5. When transferring among institutions participating in the statewide course numbering system, a receiving institution must accept all courses taken at the transfer institution, if the same course with the same course number is offered at the receiving institution.
6. Credits earned through acceleration mechanisms (CLEP, AP, dual enrollment, early enrollment, International Baccalaureate, and PEP) within the A.A. Degree at the community college will be transferable to the state university.

Students without an A.A. Degree who are seeking admission to a state university do not have all the guarantees provided by the Articulation Agreement and may be denied admission or lose credit when transferring. In most cases students without an A.A. Degree will have to meet freshman admissions standards.

### Admission to Specific Programs at Florida State Universities

The universities determine the courses and prerequisites that must be taken in order to receive a baccalaureate degree for a chosen program. Although all credit earned towards an A.A. Degree will transfer to a university, not all credit may satisfy the program prerequisites or the course requirements for a baccalaureate degree. Therefore, it is important to know the program requirements and to take as many courses as possible at Valencia while completing the A.A. Degree.

#### Limited Access

Due to limited resources, some programs have limited enrollments; in order to select students these programs may have additional admission requirements which are more restrictive than the university's general admission requirements. These requirements may include one or more of the following: completion of specific courses, minimum grade point average, minimum test scores, interviews, auditions, submission of a portfolio, and deadlines.

#### Guarantees

A.A. graduates are not guaranteed admission into limited access programs but are guaranteed that:

1. The community college student will have the same opportunity to enroll in a university limited access program as the native university student.
2. Selection and enrollment criteria for a university limited access program will be established and published in catalogs and appropriate publications. Notification of any changes in

a program will include sufficient time for prospective students to adjust to meet program criteria.

Resources are available for planning your transfer to a bachelor's degree program. For assistance in accessing this information, you may visit Career Development Services or the Atlas Access Lab on any campus where you may complete, through the LifeMap Tools in Atlas, an educational plan to prepare you for a specific major(s). Once you create an educational plan, you may meet with a Student Services staff member to discuss the requirements for a particular major(s) and your educational plan.

## Appeals

Should any of these guarantees be denied, the student has the right to file an appeal. Each state university has established appeal procedures. Students may contact the state university articulation officer for information about these procedures.

## Associate in Arts Degree: General Studies

The Associate in Arts Degree: General Studies (A.A. General Studies) is available for students who want a college degree and have not selected a Pre-Major for transfer to a state university in Florida and for students who plan to transfer to a private and/or out-of-state institution. Although the Pre-Majors provide the best preparation for transfer to the specific majors in Florida's State University System, a student still may choose the Associate in Arts: General Studies.

By completing the Associate in Arts Degree: General Studies, a student satisfies the General Education requirements for Valencia and the state universities and, therefore, is eligible for transfer as a junior to a state university; in addition, with careful course selection, a student who earns this degree may be prepared for transfer as a junior to a specific degree program. It is the student's responsibility to find out the requirements for admission to the major at the university to which the student will transfer. For assistance in accessing this information, you may visit Career Development Services or the Atlas Access Lab on any campus where you also may complete, through the LifeMap Tools in Atlas, an educational plan to prepare you for a specific major(s). Once you create an educational plan, you may meet with a Student Services staff member to discuss the requirements for a particular major(s) and your educational plan.

All degree-seeking students must complete all required college-preparatory and English as a Second Language for Academic Purposes (EAP) courses, prerequisites for the program courses and Valencia's foreign language proficiency requirement.

Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

Specialized courses may not be offered every session or on every campus.  
 + This course must be completed with a grade of C or better.  
 \* This course has a prerequisite; check description in Valencia catalog.  
 (GR) Denotes a Gordon Rule course.  
 Code Denotes course attribute if needed for degree audits.

## Suggested Course Sequence for the Associate in Arts Degree: General Studies

The following suggested course sequence includes all of the course requirements for the A.A. Degree.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENC1, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	(GR)	3	HUMN, GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

## Pre-Majors at Valencia

Through the Associate in Arts Degree, Valencia offers preparation for the nearly 200 majors in the State University System (SUS) of Florida. Each Pre-Major is designed as an advisory guide for a student who plans to earn the Associate in Arts Degree from Valencia and transfer to one of the eleven state universities in Florida as a junior to complete a bachelor's degree in one of the specific university majors. Each Pre-Major includes the courses to satisfy Valencia's General Education requirements for the A.A. Degree and the Statewide Common Course Prerequisites for the specific university major.

Students who plan to transfer to a restricted access or limited access program are responsible for completing the specific requirements of the institution to which they will transfer, as completion of a Pre-Major does not guarantee admission to an upper division program if that university program has restricted access or limited access status. In general, restricted access means there are admission requirements in addition to the A.A. Degree and, if those requirements are met, the student will qualify for admission to the university program. The additional requirements might include the completion of certain courses, a separate application, an early application date and/or a minimum grade point average.

Limited access means there are requirements in addition to the A.A. Degree and, even though these additional requirements are met, the student might not be admitted to the university program because admission is a selective process conducted by the university. The additional requirements might include the completion of certain courses, a minimum grade point average, minimum test scores, interviews, auditions and/or portfolios. It is the student's responsibility to learn if a particular university major is designated limited access or restricted access at the specific university to which the student wants to transfer.

Some Pre-Majors are based upon articulation agreements with specific universities and this information is reflected in the specific Pre-Major information. Although a Pre-Major may be based upon an articulation agreement with one or more universities, the listed courses would be very similar for that major for any of the state universities in Florida.

**A.A. Degree-seeking students in all Pre-Majors must complete all required college-preparatory courses in reading, mathematics, and English and must satisfy Valencia's foreign language proficiency requirement.**

**Valencia offers the following Pre-Majors:**

- Accounting
- Architecture
- Art, Studio/Fine Art
- Biology
- Business Administration
- Chemistry
- Computer Science
- Criminal Justice
- Dance Performance
- Economics
- Education (General Preparation)
- Articulated Engineering (Florida Institute of Technology)
- Articulated Engineering (University of Central Florida)
- Articulated Engineering (University of Florida)
- Articulated Engineering (University of Miami)
- Engineering (General)
- English
- French
- Health Services Administration
- History
- Horticultural Science

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

- Humanities
- Human Resources Management
- Information Technology
- Interpersonal Communications
- Journalism
- Management Information Systems
- Marine Biology
- Marketing
- Mathematics
- Philosophy
- Political Science and Government
- Portuguese
- Psychology
- Public Administration
- Public Relations/Organizational Communication
- Radiologic Sciences
- Respiratory Care
- Sign Language Interpretation
- Social Sciences
- Sociology
- Spanish
- Statistics

## **Pre-Major: Accounting**

### **Associate in Arts Degree**

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Accounting. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.**

Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* MAC 2233	Calculus for Business and Social Science (GR)	3	
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
GEB 1011	Introduction to Business Science (See A.A. Gen Ed Requirement)	3	AASC
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
<b>Total Hours</b>		<b>21</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)	3	
+* Humanities	HUM Prefix (GR)	3	GRHM, HUMH
+ ACG 2021	Financial Accounting	3	
+ ECO 2013	Principles of Economics-Macro	3	
+ CGS 2100	Microcomputer Fundamentals and Applications	3	
PSY 1012	General Psychology	3	
	<b>Total Hours</b>	<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* ACG 2071	Managerial Accounting	3	
+ ECO 2023	Principles of Economics-Micro	3	
+* Humanities	(GR)	3	HUMN, GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
Elective(s)		3	
Elective(s)		3	
	<b>Total Hours</b>	<b>18</b>	
	<b>Total Hours Required</b>	<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, \*APA 2941 Internship Exploration and additional Accounting courses from the course descriptions section of the catalog. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Architecture

### Associate in Arts Degree

#### Based on an Articulation Agreement with the University of Florida

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a degree in Architecture. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this pre-major does not guarantee admission to an upper division limited access program.**

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

Specialized courses may not be offered every session or on every campus.  
 + This course must be completed with a grade of C or better.  
 \* This course has a prerequisite; check description in Valencia catalog.  
 (GR) Denotes a Gordon Rule course.  
 Code Denotes course attribute if needed for degree audits.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+ * ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+ * MAC 1114	College Trigonometry (GR)	3	GRMT
BSC 1005	Biological Science	3	AASC
+ * ARC 1301	Architectural Design I	4	
+ * ARC 1701	History of Architecture I (GR)	3	GRHM, HUMN
	<b>Total Hours</b>	<b>16</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+ * ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+ * ARC 1302	Architectural Design II	4	
+ * ARC 2702	History of Architecture II	3	HUMN
+ ARC 1201	Theory of Architecture	3	
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+ * MAC 2233	Calculus for Business and Social Science (GR)	3	GRMT
+ * PHY 1053C	Introductory Physics I	4	AASC
	<b>Total Hours</b>	<b>23</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+ * ARC 2303	Architectural Design III	5	
POS 2041	U.S. Government	3	POS
+ * Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
+ * ARC 2304	Architectural Design IV	5	
	Architecture Elective	2	
	<b>Total Hours</b>	<b>21</b>	
	<b>Total Hours Required</b>	<b>60</b>	

## ARCHITECTURE ELECTIVES

Students who want to fulfill the requirements for the Articulation Agreement with the University of Florida must take the following additional courses:

+ ARC 2461	Materials and Methods of Construction	4
+ * ARC 2501	Architectural Structures I	4

## Pre-Major: Art, Studio/Fine Art

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Art. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* Mathematics (GR)		3	GRMT, GRQN
+ ARH 2050	Introduction to Art History I	3	
+ ART 1201C	Design I	3	
+ ART 1300C	Drawing I	3	
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
<b>Total Hours</b>		<b>21</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* Mathematics (GR)		3	GRMT, GRQN
Science	(See A.A. Gen Ed Requirement)	3	AASC
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
+* ART 1203C	Design II	3	
+* ART 1301C	Drawing II	3	
+* ART 2XXXC	<sup>1</sup> An Introductory Media Course	3	
<b>Total Hours</b>		<b>21</b>	

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* ARH 2051	Introduction to Art History II (GR)	3	GRHM
Science	(See AA General Education Requirement)	3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+ ART 2XXXC	<sup>1</sup> An Introductory Media Course	3	
+ ART 2XXXC	<sup>1</sup> An Introductory Media Course Elective(s)	3	
<b>Total Hours</b>		<b>18</b>	
<b>Total Hours Required</b>		<b>60</b>	

#### NOTES:

<sup>1</sup> Choose from the following introductory media courses:

Course	Title	Credit Hours
* ART 2330C	Life Drawing	3
ART 2400C	Printmaking I	3
* ART 2401C	Printmaking II	3
* ART 2500C	Painting I	3
* ART 2501C	Painting II	3
ART 2701C	Sculpture I	3
ART 2750C	Ceramics I	3
* ART 2751C	Ceramics II	3

Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success and \*ART 2941 Internship Exploration. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Biology

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Biology. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENC1, COMM, GREG
+* MAC 2311	Calculus with Analytic Geometry I (GR)	5	
+* CHM 1045C	General Chemistry with Qualitative Analysis I	4	
PSY 1012	General Psychology	3	
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+* CHM 1046C	General Chemistry with Qualitative Analysis II	4	
<b>Total Hours</b>		<b>22</b>	

INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)		
	or		
+* MAC 2312	Calculus with Analytic Geometry II (GR)	3-5	
+* CHM 2210C	Organic Chemistry I		
	or		
+* PHY 2048C	General Physics with Calculus I	4	
+ BSC 1010C	Fundamentals of Biology I	4	
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
<b>Total Hours</b>		<b>20-22</b>	

ADVANCED COURSES

Course	Title	Credit Hours	Code
+* CHM 2211C	Organic Chemistry II		
	or		
+* PHY 2049C	General Physics with Calculus II	4	
+* BSC 1011C	Fundamentals of Biology II	4	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* Humanities	(GR)	3	HUMN, GRHM
Elective(s)		2-4	
<b>Total Hours</b>		<b>16-18</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, \*BSC 2933 Selected Topics in Biology, and \*BSC 2941 Internship Exploration. The electives do not necessarily need to be taken in three-credit-hour courses.

**Pre-Major: Business Administration**

**Associate in Arts Degree**

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Business Administration. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENC1, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
GEB 1011	Introduction to Business	3	
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+ CGS 2100	Microcomputer Fundamentals and Applications	3	
+ ECO 2013	Principles of Economics-Macro	3	
+ ACG 2021	Financial Accounting	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* MAC 2233	Calculus for Business and Social Science (GR)	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog. (GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

## ADVANCED COURSES

Course	Title	Credit Hours	Code
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	(GR)	3	GRHM, HUMN
+* STA 2023	Statistical Methods (GR)	3	
+* ACG 2071	Managerial Accounting	3	
+ ECO 2023	Principles of Economics-Micro	3	
Science	(See A.A. Gen Ed Requirement)	3	AASC
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success and additional courses from the Business Administration and Management course descriptions section of the catalog. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Chemistry

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Chemistry. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major. Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+* CHM 1045C	General Chemistry with Qualitative Analysis I	4	
+* MAC 2311	Calculus with Analytic Geometry I (GR)	5	
POS 2041	U.S. Government	3	POS
<b>Total Hours</b>		<b>18</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+* MAC 2312	Calculus with Analytic Geometry II (GR)	5	
+* Humanities	HUM Prefix (GR)	3	GRHM, HUMH
+* CHM 1046C	General Chemistry II	4	
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
<b>Total Hours</b>		<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* CHM 2210C	Organic Chemistry I or		
+* PHY 2048C	General Physics with Calculus I	4	
+* CHM 2211C	Organic Chemistry II or		
+* PHY 2049C	General Physics with Calculus II	4	
* MAC 2313	Calculus with Analytic Geometry III (GR)	4	
+* Humanities	(GR)	3	GRHM, HUMN
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, SLS 1301 Career Development, and \*CHM 2941 Internship Exploration. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Computer Science

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Computer Science. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* MAC 2311	Calculus with Analytic Geometry I (GR)	5	
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+* <sup>1</sup> Science Elective		4	AASS
		1	
<b>Total Hours</b>		<b>19</b>	

INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* COP 2220	C Programming	3	
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* PHY 2048C	General Physics with Calculus I	4	
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
POS 2041	U.S. Government	3	POS
+* <sup>1</sup> Science		4	
<b>Total Hours</b>		<b>20</b>	

ADVANCED COURSES

Course	Title	Credit Hours	Code
+* COP 2222	Advanced C Programming	3	
+* MAC 2312	Calculus with Analytic Geometry II (GR)	5	
+* PHY 2049C	General Physics with Calculus II	4	
+* STA 2023	Statistical Methods (GR)	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* Humanities	(GR)	3	GRHM, HUMN
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES:

<sup>1</sup> Choose from the following science courses:

+* BSC 1010C	Fundamentals of Biology I	4
+* BSC 1011C	Fundamentals of Biology II	4
+* CHM 1045C	General Chemistry with Qualitative Analysis I	4
+* CHM 1046C	General Chemistry with Qualitative Analysis II	4

Some universities will accept +\*COP 2805 Advanced Java Programming as meeting the object-oriented programming requirements for the Bachelor's Degree in Computer Science. Taking this course at Valencia will be in addition to the 60 credit hours required for this degree.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

## Pre-Major: Criminal Justice

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Criminal Justice. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+* Mathematics	(GR)	3	GRQN, GRMT
CCJ 1020	Introduction to Criminal Justice	3	
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
CCJ 1010	Criminology	3	
+* Mathematics	(GR)	3	GRQN, GRMT
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
Science	(See A.A. Gen Ed Requirement)	3	AASS
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	(GR)	3	HUMN, GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASS
CGS 1061	Introduction to Microcomputers	3	
CJE 2000	Policing Systems and Procedures	3	
CJC 2000	Introduction to Corrections	3	
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	
<b>Total Hours Required</b>		<b>60</b>	

continued

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), PSY 1012 General Psychology, SYG 2000 Introductory Sociology, SLS 1122 Student Success, and \*STA 2023 Statistical Methods. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Dance Performance

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Dance Performance. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
+* Mathematics	(GR)	3	GRQN, GRMT
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
Science	(See A.A. Gen Ed Requirement)	3	AASC
+ DAA 1100	Modern Dance I	2	
+ DAA 1200	Ballet I	2	
+* DAA 2610	Dance Composition and Improvisation I	2	
	<b>Total Hours</b>	<b>21</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+* Mathematics	(GR)	3	GRMT, GRQN
+* DAA 1101	Modern Dance II	2	
+* DAA 1201	Ballet II	2	
+* DAA 2611	Dance Composition and Improvisation II	2	
+* DAA 1680	Repertory I	2	
	<b>Total Hours</b>	<b>20</b>	

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* DAA 2102	Intermediate Modern Dance I	2	
+* DAA 2103	Intermediate Modern Dance II	2	
+* DAA 2202	Intermediate Ballet I	2	
+* DAA 2203	Intermediate Ballet II	2	
+* DAA 1681	Repertory II	2	
+* Humanities	(GR)	3	GRHM, HUMN
	<b>Total Hours</b>	<b>19</b>	
	<b>Total Hours Required</b>	<b>60</b>	

## Pre-Major: Economics

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Economics or in Business Administration with an Economics major. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
CGS 2100	Microcomputer Fundamentals and Applications	3	
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+ ECO 2013	Principles of Economics—Macro	3	
+ ACG 2021	Principles of Financial Accounting	3	
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* MAC 2233	Calculus for Business and Social Science (GR)	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

ADVANCED COURSES

Course	Title	Credit Hours	Code
+ ECO 2023	Principles of Economics—Micro	3	
+* INR 2002	International Politics (GR)	3	GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* STA 2023	Statistical Methods (GR)	3	
+* ACG 2071	Principles of Managerial Accounting	3	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, AMH 2020 U.S. History 1877 to Present, ECO 2932 Selected Topics in Economics, \*ECO 2941 Internship Exploration, \*EUH 2001 Western Civilization 1750 to Present, GEA 1000 World Geography, POS 2112 State and Local Government, PSY 1012 General Psychology and SYG 2000 Introductory Sociology. The electives do not necessarily need to be taken in three-credit-hour courses.

Specialized courses may not be offered every session or on every campus.  
 + This course must be completed with a grade of C or better.  
 \* This course has a prerequisite; check description in Valencia catalog.  
 (GR) Denotes a Gordon Rule course.  
 Code Denotes course attribute if needed for degree audits.

## Pre-Major: Education (General Preparation)

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Education. Students must meet with an advisor to discuss requirements for concentrations in specific fields. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.**

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+ PHI 2010	Philosophy	3	
+ EDF 2005	Introduction to Education	3	
+* Mathematics	(GR)	3	GRMT, GRQN
+ SPC 1600	Fundamentals of Speech	3	COMM, SPC
+ Science	<sup>1</sup> (See A.A. Gen Ed Requirement)	3	AASC
+ PSY 1012	General Psychology	3	
<b>Total Hours</b>		<b>21</b>	

INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+ EDG 2701	Teaching Diverse Populations	3	
+ POS 2041	U.S. Government	3	POS
+ AMH 2010	United States History to 1877	3	
<b>Total Hours</b>		<b>18</b>	

ADVANCED COURSES

Course	Title	Credit Hours	Code
+ EME 2040	Technology for Educators	3	
+* ARH 2051	Introduction to Art History II (GR)	3	GRHM
+ Science	<sup>1</sup> (A.A. Gen Ed Course with Lab)	4	
+* Mathematics	(GR)	3	GRMT, GRQN
+ Science	<sup>1</sup> (See A.A. Gen Ed Requirement)	3	AASC
+ AMH 2020	United States History 1877 to Present	3	
<sup>2</sup> Elective(s)		2	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

continued

NOTES:

<sup>1</sup> Select one earth science, one life science, and one physical science course. One of these courses must have a lab. Contact your transfer university to determine which courses that university classifies as earth, life, and physical sciences.

<sup>2</sup> It may be advisable to take \*MAE 2801 Elementary School Mathematics Curriculum and Instruction for these Elective credits; if this option is taken, the total hours will exceed 60.

## Articulated Pre-Major: Engineering (Florida Institute of Technology)

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to the Florida Institute of Technology (FIT) as a junior to complete a four-year bachelor’s degree in the College of Engineering. It is based upon an articulation agreement in Engineering with FIT. Engineering majors offered at Florida Tech are Aerospace, Chemical, Civil, Computer, Electrical, Mechanical, and Ocean. Students who plan to transfer are responsible for completing the admission requirements of FIT.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia’s foreign language proficiency requirement. Courses meeting the preceding requirements will be in addition to the 60 credit hours listed. Also, courses listed in the NOTES below may be taken at Valencia in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

Financial aid is available to eligible Valencia transfer students. The combination of state, federal, and university financial aid programs can make Florida Tech affordable to eligible students who wish to transfer to Florida Tech. In some cases, the combination of grants and scholarships approximates the student’s total tuition. Please visit the Florida Tech admissions Web site [www.FIT.edu](http://www.FIT.edu) for additional information.

### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
+* HUM 2232	Humanities - Renaissance and Baroque (GR)	3	GRHM
+ EGS 1006	Introduction to the Engineering Profession	1	
+ EGS 1007	Engineering Concepts and Methods	1	
+* MAC 2311	Calculus with Analytic Geometry I (GR)5		
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
<b>Total Hours</b>		<b>19</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.  
(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* MAC 2312	Calculus with Analytic Geometry II (GR)5		
+* HUM 2234	Humanities - Enlightenment and Romanticism (GR)	3	GRHM
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+* PHY 2048C	General Physics with Calculus I	4	
ECO 2013	Principles of Economics - Macro	3	
<b>Total Hours</b>		<b>21</b>	

### ADVANCED COURSES

Course	Title	Credit Hours
+* MAC 2313	Calculus with Analytic Geometry III (GR)	4
+* PHY 2049C	General Physics with Calculus II	4
+* MAP 2302	Differential Equations (GR)	3
+* EGS 2310	Engineering Analysis – Statics	3
+* PHY 2101	Modern Physics	3
+	Engineering Electives (FIT)	3
<b>Total Hours</b>		<b>20</b>
<b>Total Hours Required</b>		<b>60</b>

### ENGINEERING ELECTIVES (FIT)

Students will select a minimum of 3 credit hours; additional courses also can be taken at Valencia.

Course	Title	Credit Hours
+* EGS 2025	Probability and Statistics for Engineers (Civil, Computer and Electrical majors)	3
+* EGS 2321	Engineering Analysis – Dynamics (Aerospace, Civil, Mechanical and Ocean majors)	3
+* EGS 2373	Principles of Electrical Engineering (Aerospace, Civil, Chemical, Mechanical and Ocean majors)	3

### NOTES:

All Engineering majors should take +\* CHM 1045C General Chemistry with Qualitative Analysis I at Valencia.

Depending upon the Engineering major at Florida Tech, it may be advisable to complete additional courses at Valencia. See Engineering Electives (FIT) above or consult the Florida Tech advisor.

## Articulated Pre-Major: Engineering (University of Central Florida)

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to the University of Central Florida (UCF) as a junior to complete a four-year bachelor's degree in the College of Engineering. It is based upon an articulation agreement in Engineering with UCF. Students who plan to transfer are responsible for completing the admission requirements of UCF.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements will be in addition to the 60 credit hours listed. Extra Engineering Electives courses and those listed in the NOTES below may also be taken at Valencia in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+ EGS 1006	Humanities (See A.A. Gen Ed Requirement) Introduction to the Engineering Profession	3	HUMN
+ EGS 1007	Engineering Concepts and Methods	1	
+* MAC 2311	Calculus with Analytic Geometry I (GR)	5	
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
<b>Total Hours</b>		<b>19</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* MAC 2312	Calculus with Analytic Geometry II (GR)	5	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* PHY 2048C	General Physics with Calculus I	4	
ECO 2013	Principles of Economics - Macro	3	
+* EGS 2310	Engineering Analysis – Statics	3	
<b>Total Hours</b>		<b>21</b>	

Specialized courses may not be offered every session or on every campus.  
 + This course must be completed with a grade of C or better.  
 \* This course has a prerequisite; check description in Valencia catalog.  
 (GR) Denotes a Gordon Rule course.  
 Code Denotes course attribute if needed for degree audits.

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* MAC 2313	Calculus with Analytic Geometry III (GR)	4	
+* PHY 2049C	General Physics with Calculus II	4	
+* MAP 2302	Differential Equations (GR)	3	
+* Humanities	(GR)	3	GRHM, HUMN
+* EGS 2025	Probability and Statistics for Engineers	3	
+	Engineering Electives (UCF)	3	
<b>Total Hours</b>		<b>20</b>	
<b>Total Hours Required</b>		<b>60</b>	

#### ENGINEERING ELECTIVES (UCF)

Students will select a minimum of 3 credit hours; additional courses also can be taken at Valencia.

Course	Title	Credit Hours
+* EGN 1111C	Engineering Graphics (Aerospace, Industrial and Mechanical majors)	3
+* EGS 2004	Electrical Networks (Computer and Electrical majors)	3
+* EGS 2321	Engineering Analysis – Dynamics (All majors)	3
+* EGS 2373	Principles of Electrical Engineering (All majors except Computer and Electrical)	3
+* SUR 1101C	Basic Surveying and Measurements (Civil Majors)	4

NOTES: Depending upon the major within Engineering at the University of Central Florida, it may be advisable for students to complete the following additional courses at Valencia: \*CHM 1045C General Chemistry with Qualitative Analysis I, \*PHY 2101 Modern Physics, and additional courses from the Engineering Electives list above.

## Articulated Pre-Major: Engineering (University of Florida)

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to the University of Florida (UF) as a junior to complete a four-year bachelor's degree in the College of Engineering. It is based upon an articulation agreement in Engineering with UF. Students who plan to transfer are responsible for completing the admission requirements of UF.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements will be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

*continued*

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+ EGS 1006	Introduction to the Engineering Profession	1	
+ EGS 1007	Engineering Concepts and Methods	1	
+* MAC 2311	Calculus with Analytic Geometry I (GR)	5	
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
	<b>Total Hours</b>	<b>19</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* MAC 2312	Calculus with Analytic Geometry II (GR)	5	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* PHY 2048C	General Physics with Calculus I	4	
ECO 2013	Principles of Economics - Macro	3	
+* EGS 2310	Engineering Analysis – Statics	3	
	<b>Total Hours</b>	<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* MAC 2313	Calculus with Analytic Geometry III (GR)	4	
+* PHY 2049C	General Physics with Calculus II	4	
+* MAP 2302	Differential Equations (GR)	3	
+* Humanities	(GR)	3	GRHM, HUMN
+* EGS 2025	Probability and Statistics for Engineers	3	
+	Engineering Electives (UF)	3	
	<b>Total Hours</b>	<b>20</b>	
	<b>Total Hours Required</b>	<b>60</b>	

## ENGINEERING ELECTIVES (UF)

Students will select a minimum of 3 credit hours; additional courses also can be taken at Valencia.

Course	Title	Credit Hours
+ * EGS 2321	Engineering Analysis – Dynamics (Aerospace, Civil, Computer, Electrical and Mechanical majors)	3
+ * EGS 2373	Principles of Electrical Engineering (All majors except Computer and Electrical)	3
+ * SUR 1101C	Basic Surveying and Measurements (Civil Majors)	4

NOTES: Depending upon the major within Engineering at the University of Florida, it may be advisable for students to complete the following additional courses at Valencia:

- \*CHM 1045C General Chemistry with Qualitative Analysis I and
- \*CHM 1046C General Chemistry with Qualitative Analysis II.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

A maximum of 68 credits can transfer to UF.

A minimum GPA of 2.5 is required for all Math and Science courses.

For Computer and Electrical Engineering majors, a minimum grade of B is required for all Math and Science courses.

## Articulated Pre-Major: Engineering (University of Miami) Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to the University of Miami (UM) as a junior to complete a four-year bachelor's degree in the College of Engineering. It is based upon an articulation agreement in Engineering with UM. Students who plan to transfer are responsible for completing the admission requirements of UM.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements will be in addition to the 60 credit hours listed. Also, courses listed in the NOTES below may be taken at Valencia in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

Financial aid is available to eligible Valencia transfer students. The combination of state, federal, and university financial aid programs can make the University of Miami affordable to eligible students who wish to transfer to UM. Please visit the University of Miami admissions Web site [www.miami.edu](http://www.miami.edu) for additional information.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
Humanities	Humanities - Group A for UM	3	
+ EGS 1006	Introduction to the Engineering Profession	1	
+ EGS 1007	Engineering Concepts and Methods	1	
+* MAC 2311	Calculus with Analytic Geometry I (GR)	5	
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
	<b>Total Hours</b>	<b>19</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* MAC 2312	Calculus with Analytic Geometry II (GR)	5	
+* Humanities	Humanities - Group B for UM (GR)	3	GRHM
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* PHY 2048C	General Physics with Calculus I	4	
+* EGN 1111C	Engineering Graphics	3	
<b>Total Hours</b>		<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours
+* MAC 2313	Calculus with Analytic Geometry III (GR)	4
+* PHY 2049C	General Physics with Calculus II	4
+* MAP 2302	Differential Equations (GR)	3
+* EGS 2310	Engineering Analysis – Statics	3
ECO 2013	Principles of Economics - Macro	3
+* EGS 2004	<sup>1</sup> Electrical Networks	
	or	
+* EGS 2373	<sup>1</sup> Principles of Electrical Engineering	3
<b>Total Hours</b>		<b>20</b>
<b>Total Hours Required</b>		<b>60</b>

### Humanities - Group A

ARH 2050	Introduction to Art History I	3
HUM 1020	Introduction to Humanities	3
MUL 1010	Music Appreciation	3
PHI 2010	Philosophy	3

### Humanities - Group B

+* AML 2011	American Literature: Colonial Period to Civil War	3
+* AML 2021	American Literature: Civil War to Present	3
+* ENL 2012	English Literature: 1300 to 1800	3
+* ENL 2022	English Literature: 1800 to Present	3
+* LIT 2110	World Literature: Beginning through Renaissance	3
+* LIT 2120	World Literature: Enlightenment to Present	3

### NOTES:

<sup>1</sup>+\*EGS 2004 Electrical Networks (Biomedical, Computer and Electrical majors) or +\*EGS 2373 Principles of Electrical Engineering (All other majors).

Depending upon the Engineering major at UM, it may be advisable to complete additional courses at Valencia. See Notes that follow or consult the UM advisor.

Architectural, Biomedical, Civil, Environmental, Industrial and Manufacturing majors should take +\* CHM 1045C General Chemistry with Qualitative Analysis I at Valencia.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog. (GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

Aerospace and Mechanical majors should take +\* EGS 2321 Engineering Analysis - Dynamics at Valencia.

Computer, Electrical, and Industrial majors should take +\*MAS 2103 Introduction to Linear Algebra at Valencia.

## Pre-Major: Engineering (General)

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Engineering. Valencia also offers Articulated Pre-Majors in Engineering for students who plan to transfer to Engineering majors at the University of Central Florida (UCF), the University of Florida (UF), University of Miami (UM), and Florida Institute of Technology (FIT). Students who plan to transfer are responsible for completing the admission requirements of the institution to which they will transfer. Although the Pre-Major is the right preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements and Engineering Electives courses will be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+ EGS 1006	Introduction to the Engineering Profession	1	
+ EGS 1007	Engineering Concepts and Methods	1	
+* MAC 2311	Calculus with Analytic Geometry I (GR)	5	
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
<b>Total Hours</b>		<b>19</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* MAC 2312	Calculus with Analytic Geometry II (GR)	5	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* PHY 2048C	General Physics with Calculus I	4	
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
+* CHM 1045C	General Chemistry I	4	
<b>Total Hours</b>		<b>22</b>	

continued

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* MAC 2313	Calculus with Analytic Geometry III (GR)	4	
+* PHY 2049C	General Physics with Calculus II	4	
+* MAP 2302	Differential Equations (GR)	3	
+* Humanities	(GR)	3	GRHM, HUMN
	Engineering Electives	5	
	<b>Total Hours</b>	<b>19</b>	
	<b>Total Hours Required</b>	<b>60</b>	

## ENGINEERING ELECTIVES

Students will select a minimum of 5 credit hours based on the engineering major and the transfer institution; additional courses also can be taken at Valencia.

Course	Title	Credit Hours
+* EGN 1111C	Engineering Graphics	3
+* EGS 2004	Electrical Networks	3
+* EGS 2025	Probability and Statistics for Engineers	3
+* EGS 2310	Engineering Analysis - Statics	3
+* EGS 2321	Engineering Analysis - Dynamics	3
+* EGS 2373	Principles of Electrical Engineering	3
+* PHY 2101	Modern Physics	3
+* SUR 1101C	Basic Surveying Measurements	4

## Pre-Major: English

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in English. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

Specialized courses may not be offered every session or on every campus.  
 + This course must be completed with a grade of C or better.  
 \* This course has a prerequisite; check description in Valencia catalog.  
 (GR) Denotes a Gordon Rule course.  
 Code Denotes course attribute if needed for degree audits.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
	Elective(s)	3	
	<b>Total Hours</b>	<b>18</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
	Elective(s)	3	
	Elective(s)	3	
	<b>Total Hours</b>	<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* LIT 2110	World Lit: Beg-Renaissance (GR)		
	or		
+* LIT 2120	World Lit: Enlightenment-Present (GR)		
	or		
+* AML 2011	Survey in American Lit: Colonial Period to Civil War (GR)		
	or		
+* AML 2021	Survey in American Lit: Civil War to Present (GR)	3	GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
* CRW 2001	Creative Writing and Advanced Composition		
	or		
* ENC 1210	Technical Communication	3	
	Elective(s)	3	
	Elective(s)	3	
	Elective(s)	3	
	Elective(s)	3	
	<b>Total Hours</b>	<b>21</b>	
	<b>Total Hours Required</b>	<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, CGS 1061 Introduction to Microcomputers, \*LIT 2090 Contemporary Literature, ENG 2100 Introduction to Film, ENC 1133L Research Writing Lab, \*CRW 2400 Introduction to Scriptwriting, and SPC 1700 Cross Cultural Communication. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: French

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in French. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.**

Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* FRE 1100	Elementary French I	3	
+* Mathematics	(GR)	3	GRMT, GRQN
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* FRE 1101	Elementary French II	3	
+* Mathematics	(GR)	3	GRMT, GRQN
Science	(See A.A. Gen Ed Requirement)	3	AASC
SPC 1700	Cross Cultural Communication	3	
+* FRE 2200	Intermediate French I	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
<b>Total Hours</b>		<b>21</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	(GR)	3	GRHM, HUMN
+* FRE 2201	Intermediate French II	3	
Social Science	(See A.A. Gen Ed Requirement)	3	AASC
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, SLS 1122 Student Success and \*FRE 2941 Internship Exploration. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Health Services Administration

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Health Services Administration. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+* Mathematics	(GR)	3	GRMT, GRQN
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

continued

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
+ ACG 2021	Principles of Financial Accounting	3	
+ CGS 2100	Microcomputer Fundamentals and Applications	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	(GR)	3	HUMN, GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
+ ECO 2023	Principles of Economics – Micro	3	
+* ACG 2071	Principles of Managerial Accounting	3	
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, PSY 1012 General Psychology, SYG 2000 Introductory Sociology, \*MAN 2021 Principles of Management, ECO 2013 Principles of Economics – Macro, and an applicable internship. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: History

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in History. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENC1, COMM, GREG
+ AMH 2010	U.S. History to 1877	3	
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+ AMH 2020	U.S. History 1877 to Present	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
+* EUH 2000	Western Civilization to 1750 (GR)	3	GRHM
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Mathematics	(GR)	3	GRMT, GRQN
+* EUH 2001	Western Civilization 1750 to Present (GR)	3	GRHM
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), \*INR 2002 International Politics, GEA 1000 World Geography, HIS 2935 Selected Topics in History, SYG 2000 Introductory Sociology, SLS 1122 Student Success, and additional History courses from the course descriptions section of the catalog. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Horticultural Science

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Horticultural Science. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
+ BSC 1010C	Fundamentals of Biology I	4	
+* MAC 1140	Precalculus Algebra (GR)	3	
+ SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
Humanities Elective(s)	(See A.A. Gen Ed Requirement)	3	HUMN
<b>Total Hours</b>		<b>22</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* MAC 1114	College Trigonometry (GR)	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* CHM 1045C	General Chemistry with Qualitative Analysis	4	
HOS 1010	Introduction to Horticulture and Landscape Technology	3	
+ ECO 2023	Principles of Economics-Micro	3	
Elective(s)		3	
<b>Total Hours</b>		<b>22</b>	

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	(GR)	3	GRHM, HUMN
+* PHY 1053C	Physics	4	
+* BSC 1011C	Fundamentals of Biology II	4	
Elective(s)		3	
Elective(s)		2	
<b>Total Hours</b>		<b>16</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, BOT 2501 Plant Physiology, \*ORH 1510 Ornamental Plant Materials I, and \*HOS 2941 Internship Exploration. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Humanities

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Humanities. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
HUM 1020	Introduction to Humanities	3	
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
Humanities	(Course from Area 2 - A.A. Gen Ed)	3	HUMN
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

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## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Humanities	(Course from Area 2 - A.A. Gen Ed)	3	HUMN
Humanities	(Course from Area 2 - A.A. Gen Ed)	3	HUMN
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	(GR)	3	HUMN, GRHM
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
Science	(See A.A. Gen Ed Requirement)	3	AASC
Humanities	(Course from Area 2 - AA Gen Ed)	3	HUMN
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, SLS 1301 Career Development, and an applicable Internship(s). The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Human Resources Management

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Human Resources Management. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
MAN 2300	Introduction to Human Resources Management		
	or		
MNA	A Human Resources Management Course	3	
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+ CGS 2100	Microcomputer Fundamentals and Applications	3	
+ ECO 2013	Principles of Economics – Macro	3	
+ ACG 2021	Principles of Financial Accounting	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* MAC 2233	Calculus for Business and Social Science (GR)	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	(GR)	3	HUMN, GRHM
+* STA 2023	Statistical Methods (GR)	3	
+* ACG 2071	Managerial Accounting	3	
+ ECO 2023	Principles of Economics-Micro	3	
Science	(See A.A. Gen Ed Requirement)	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, GEB 1011 Introduction to Business, BUL 2241 Business Law I, \*MAN 2021 Principles of Management, \*MAR 2011 Principles of Marketing and an applicable Internship(s). The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Information Technology

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Information Technology. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* MAC 1140	<sup>1</sup> Pre-Calculus Algebra (GR)	3	
+ PSY 1012	General Psychology	3	
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+* COP 2220	C Programming	3	
Science	(See A.A. Gen Ed Requirement)	3	AASC
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
	<b>Total Hours</b>	<b>21</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* MAC 1114	<sup>1</sup> College Trigonometry (GR)	3	
+* PHY 1053C	Introductory Physics I		
	or		
+* PHY 2048C	General Physics with Calculus I	4	
POS 2041	U.S. Government	3	POS
+ CGS 2545	Database Management Systems	3	
+* COP 2800	Introduction to Java Programming	3	
	Elective(s)	2	
	<b>Total Hours</b>	<b>21</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+ ECO 2013	Principles of Economics - Macro	3	
+* COT 2104	Foundations of Discrete Mathematics	3	
COP 2222	Advanced C Programming	3	
+* STA 2023	Statistical Methods (GR)	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* Humanities	(GR)	3	HUMN, GRHM
	<b>Total Hours</b>	<b>18</b>	
	<b>Total Hours Required</b>	<b>60</b>	

#### NOTES:

<sup>1</sup>+\*MAC 1147 or +\*MAC 2311 can substitute for both of these courses.

Some universities accept +\*COP 2805 Advanced Java Programming as meeting the object-oriented programming requirements for the Bachelor's Degree in Information Technology. Taking this course at Valencia will be in addition to the 60 credits required for this pre-major.

## Pre-Major: Interpersonal Communications

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Interpersonal Speech Communication. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

*continued*

FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* MAC 1105	College Algebra (GR)	3	
POS 2041	U.S. Government	3	POS
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+ SPC 1600	Fundamentals of Speech	3	COMM, SPC
Science	(See A.A. Gen Ed Requirement)	3	AASC
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
Science	(See A.A. Gen Ed Requirement)	3	AASC
+ SPC 1601	Public Speaking	3	
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* Humanities	(GR)	3	HUMN, GRHM
+* STA 2023	Statistical Methods (GR)	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
<b>Total Hours</b>		<b>18</b>	

ADVANCED COURSES

Course	Title	Credit Hours
PSY 1012	General Psychology	3
SPC 1016	Informal Communication	3
SPC 1700	Cross Cultural Communication	3
+ CGS 1061	Introduction to Microcomputers	3
SYG 2000	Introductory Sociology	3
Elective(s)		3
Elective(s)		3
<b>Total Hours</b>		<b>21</b>
<b>Total Hours Required</b>		<b>60</b>

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements and foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s). The electives do not necessarily need to be taken in three-credit-hour courses.

**Pre-Major: Journalism**

**Associate in Arts Degree**

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Journalism. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.**

Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in

Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
MMC 1000	Survey of Mass Communications	3	
JOU 1400L	College Newspaper		
or			
JOU 1440L	College Magazine	1	
Elective(s)		3	
<b>Total Hours</b>		<b>19</b>	

INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
+ SPC 1600	Fundamentals of Speech	3	SPC
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
AMH 2010	U. S. History to 1877	3	
JOU 1404L	College Newspaper		
or			
JOU 1441L	College Magazine	1	
<b>Total Hours</b>		<b>19</b>	

ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	Any AML, ENL or LIT Course (GR)	3	HUMN, GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
AMH 2020	U. S. History 1877 to Present	3	
MMC 2100	Writing for Mass Communications	3	
POS 2112	State and Local Government	3	
JOU 2402L	College Newspaper		
or			
JOU 2442L	College Magazine	1	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>22</b>	
<b>Total Hours Required</b>		<b>60</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, a word processing course, GEA 1000 World Geography, LIS 1001 Computer Research, LIS 2002 Introduction to the Internet, \*CRW 2001 Creative Writing and Advanced Composition, \*STA 2023 Statistical Methods and \*JOU 2941 Internship Exploration. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Management Information Systems

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Management Information Systems. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENC1, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
GEB 1011	Introduction to Business	3	
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+ CGS 2100	Microcomputer Fundamentals and Applications	3	
+ ECO 2013	Principles of Economics-Macro	3	
+ ACG 2021	Principles of Financial Accounting	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* MAC 2233	Calculus for Business and Social Science (GR)	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

### ADVANCED COURSES

Course	Title	Credit Hours	Code
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	(GR)	3	GRHM, HUMN
+* STA 2023	Statistical Methods (GR)	3	
+* ACG 2071	Managerial Accounting	3	
+ ECO 2023	Principles of Economics-Micro	3	
Science	(See A.A. Gen Ed Requirement)	3	AASC
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements and foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s). The electives do not necessarily need to be taken in three-credit-hour courses.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog. (GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

## Pre-Major: Marine Biology

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Marine Biology. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
+* MAC 2311	Calculus with Analytic Geometry I (GR)	5	
+ BSC 1010C	Fundamentals of Biology I	4	
+* CHM 1045C	General Chemistry with Qualitative Analysis I	4	
PSY 1012	General Psychology	3	
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
<b>Total Hours</b>		<b>22</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)	3	
+* CHM 1046C	General Chemistry with Qualitative Analysis II	4	
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+* CHM 2210C	Organic Chemistry I		
or			
+* PHY 2048C	General Physics with Calculus I	4	
<b>Total Hours</b>		<b>20</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog. (GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* CHM 2211C	Organic Chemistry II		
or			
+* PHY 2049C	General Physics with Calculus II	4	
+* BSC 1011C	Fundamentals of Biology II	4	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* Humanities	(GR)	3	HUMN, GRHM
* OCB 2003C	Marine Biology	4	
<b>Total Hours</b>		<b>18</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, and \*BSC 2941 Internship Exploration. Some universities prefer the completion of \*MAC 2312 Calculus with Analytic Geometry II (5 credit hours) in place of \*STA 2023 Statistical Methods.

## Pre-Major: Marketing

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Marketing. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
GEB 1011	Introduction to Business	3	
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+ CGS 2100	Microcomputer Fundamentals and Applications	3	
+ ECO 2013	Principles of Economics-Macro	3	
+ ACG 2021	Financial Accounting	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* MAC 2233	Calculus for Business and Social Science (GR)	3	
* MAR 2011	Principles of Marketing or an MKA course	3	
MKA		3	
	<b>Total Hours</b>	<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	(GR)	3	HUMN, GRHM
+* STA 2023	Statistical Methods (GR)	3	
+* ACG 2071	Managerial Accounting	3	
+ ECO 2023	Principles of Economics-Micro	3	
Science	(See A.A. Gen Ed Requirement)	3	AASC
Elective(s)		3	
	<b>Total Hours</b>	<b>21</b>	
	<b>Total Hours Required</b>	<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, BUL 2241 Business Law I, \*MAN 2021 Principles of Management, \*MAR 2011 Principles of Marketing and an applicable Internship(s). The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Mathematics

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Mathematics. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency

requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENC1, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
+* BSC 1010C	Fundamentals of Biology I or		
+* CHM 1045C	General Chemistry with Qualitative Analysis I	4	
+* MAC 2311	Calculus with Analytic Geometry I (GR)	5	
Elective(s)		3	
	<b>Total Hours</b>	<b>21</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+* MAC 2312	Calculus with Analytic Geometry II (GR)	5	
+* PHY 2048C	General Physics with Calculus I	4	
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
	<b>Total Hours</b>	<b>18</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* Humanities	(GR)	3	HUMN, GRHM
+* COP 2220	C Programming	3	
+* MAC 2313	Calculus with Analytic Geometry III (GR)	4	
+* PHY 2049C	General Physics with Calculus II	4	
Elective(s)		4	
	<b>Total Hours</b>	<b>21</b>	
	<b>Total Hours Required</b>	<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, \*STA 2023 Statistical Methods, MAP 2302 Differential Equations, \*MHF 2300 Logic and Proof in Mathematics, MTB 1304 Modern Computational Methods and ECO 2013 Principles of Economics-Macro, and an applicable Internship. The electives do not necessarily need to be taken in three-credit-hour courses.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

## Pre-Major: Philosophy

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Philosophy. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.**

Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* Mathematics (GR)		3	GRMT, GRQN
HUM 1020	Introduction to Humanities	3	
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* Mathematics (GR)		3	GRMT, GRQN
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
PHI 2010	Philosophy	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	(GR)	3	GRHM, HUMN
Science	(See A.A. Gen Ed Requirement)	3	AASC
REL 2000	Understanding Religious Traditions	3	
PHI 2600	Ethics and Critical Thinking	3	
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, PHI 1100 Practical Logic, \*MHF 2300 Logic and Proof in Mathematics, SLS 1301 Career Development and an applicable Internship. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Political Science and Government

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Political Science and Government. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* Mathematics (GR)		3	GRMT, GRQN
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+ POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
GEA 1000	World Geography	3	
	<sup>1</sup> Basic Foreign Language		
	or		
	Elective	3	
<b>Total Hours</b>		<b>21</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
AMH 2010	U. S. History to 1877	3	
+* STA 2023	Statistical Methods (GR)	3	
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
SYG 2000	Introductory Sociology	3	
	<sup>1</sup> Elementary Foreign Language I		
	or		
	Elective	3	
	<b>Total Hours</b>	<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
ECO 2013	Principles of Economics – Macro	3	
+* INR 2002	International Politics (GR)	3	GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
AMH 2020	U. S. History 1877 to Present	3	AASC
+* EUH 2001	Western Civilization 1750 to Present (GR)	3	GRHM
	<sup>1</sup> Elementary Foreign Language II		
	or		
	Elective	3	
	<b>Total Hours</b>	<b>18</b>	
	<b>Total Hours Required</b>	<b>60</b>	

### NOTES:

<sup>1</sup> Valencia’s foreign language proficiency requirement must be met and most universities require political science majors to complete a college-level foreign language sequence through Elementary Foreign Language II. Students who meet the foreign language proficiency requirement in less than a nine-credit sequence may substitute elective courses such as prerequisites necessary for the listed course requirements, ECO 2023 Principles of Economics-Micro, PHI 2600 Ethics and Critical Thinking or other behavioral and social science courses. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Portuguese

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor’s degree in Portuguese. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia’s Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia’s foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* POR 1100	Elementary Portuguese I	3	
+* Mathematics	(GR)	3	GRMT, GRQN
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
Elective(s)		3	
	<b>Total Hours</b>	<b>21</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* POR 1101	Elementary Portuguese II	3	
+* Mathematics	(GR)	3	GRMT, GRQN
Science	(See A.A. Gen Ed Requirement)	3	AASC
SPC 1700	Cross Cultural Communication	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Elective(s)		3	
	<b>Total Hours</b>	<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	(GR)	3	GRHM, HUMN
Social Science	(See A.A. Gen Ed Requirement)	3	AASC
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
	<b>Total Hours</b>	<b>18</b>	
	<b>Total Hours Required</b>	<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements and SLS 1122 Student Success. The electives do not necessarily need to be taken in three-credit-hour courses.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

## Pre-Major: Psychology

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Psychology. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.**

Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* Mathematics (GR)		3	GRMT, GRQN
Humanities (See A.A. Gen Ed Requirement)		3	HUMN
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+ PSY 1012	General Psychology	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)	3	
+ BSC 1010C	Fundamentals of Biology I	4	
+* Humanities (GR)	HUM Prefix (GR)	3	HUMH, GRHM
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>19</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities (GR)		3	HUMN, GRHM
Science (See A.A. Gen Ed Requirement)		3	AASC
+* DEP 2004	Developmental Psychology	3	
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
Elective(s)		2	
<b>Total Hours</b>		<b>20</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, SLS 1301 Career Development and Psychology courses from the course descriptions section of the catalog. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Public Administration

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Public Administration. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* Mathematics (GR)		3	GRMT, GRQN
+ POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+ CGS 1061	Introduction to Microcomputers	3	
Humanities (See A.A. Gen Ed Requirement)		3	HUMN
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)	3	
Science	(See A.A. Gen Ed Requirement)	3	AASC
POS 2112	State and Local Government	3	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* INR 2002	International Politics (GR)	3	GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
PHI 2600	Ethics and Critical Thinking	3	
+ ECO 2013	Principles of Economics-Macro	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, AMH 2020 U. S. History 1877 to Present, PSY 1012 General Psychology, SYG 2000 Introductory Sociology, and an applicable internship. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Public Relations/ Organizational Communication

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Public Relations/Organizational Communication. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program.** Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENC1, COMM, GREG
+* Mathematics (GR)		3	GRMT, GRQN
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
+ SPC 1600	Fundamentals of Speech	3	COMM, SPC
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)	3	
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Social Science	(See A.A. Gen Ed Requirement)	3	AASC
SPC 1700	Cross Cultural Communication	3	
SPC 1016	Informal Communication		
	or		
* ENC 1210	Technical Communication	3	
<b>Total Hours</b>		<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	(GR)	3	GRHM, HUMN
Science	(See A.A. Gen Ed Requirement)	3	AASC
INP 1301	Psychology in Business and Industry	3	
MMC 2100	Writing for Mass Communications	3	
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, JOU 1100 News Reporting, SYG 2000 Introductory Sociology, PSY 1012 General Psychology, \*STA 2023 Statistical Methods and an applicable Internship(s). The electives do not necessarily need to be taken in three-credit-hour courses.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

## Pre-Major: Radiologic Sciences

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Radiologic Sciences. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
+* MAC 1105	College Algebra (GR)	3	
+ BSC 1010C	Fundamentals of Biology I	4	
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
POS 2041	U.S. Government	3	POS
PSY 1012	General Psychology	3	
<b>Total Hours</b>		<b>19</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)	3	
+* BSC 2093C	Human Anatomy and Physiology I	4	
+ CGS 2100	Microcomputer Fundamentals and Applications		
or			
+ CGS 1061	Introduction to Microcomputers	3	
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+* PHY 1053C	Introductory Physics I	4	
<b>Total Hours</b>		<b>20</b>	

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* PHY 1054C	Introductory Physics II	4	
+* BSC 2094C	Human Anatomy and Physiology II	4	
+* Humanities	(GR)	3	GRHM, HUMN
Elective(s)		4	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, and HSC 1531 Medical Terminology. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Respiratory Care

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Cardiopulmonary Sciences (Respiratory Care). Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
+* MAC	Mathematics (GR)	3	GRMT
+ BSC 1010C	Fundamentals of Biology I	4	
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+* CHM 1045C	General Chemistry with Qualitative Analysis I	4	
POS 2041	U.S. Government	3	POS
<b>Total Hours</b>		<b>20</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)	3	
	Social Science (See A.A. Gen Ed Requirement)	3	AASS
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* BSC 2093C	Human Anatomy and Physiology I	4	
	SPC 1600 Fundamentals of Speech	3	COMM, SPC
	<b>Total Hours</b>	<b>19</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* BSC 2094C	Human Anatomy and Physiology II	4	
+* Humanities	(GR)	3	HUMN, GRHM
+* PHY 1007C	Physics	4	
+* MCB 2000C	Microbiology	4	
	Elective(s)	3	
	Elective(s)	3	
	<b>Total Hours</b>	<b>21</b>	
	<b>Total Hours Required</b>	<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success and \*HSC 2941 Internship Exploration. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Sign Language Interpretation

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Sign Language Interpretation. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

Specialized courses may not be offered every session or on every campus.  
 + This course must be completed with a grade of C or better.  
 \* This course has a prerequisite; check description in Valencia catalog.  
 (GR) Denotes a Gordon Rule course.  
 Code Denotes course attribute if needed for degree audits.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENC1, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
	SPC 1600 Fundamentals of Speech	3	COMM, SPC
* SPA 2626	Fingerspelling	2	
	POS 2041 U.S. Government	3	POS
	Humanities (See A.A. Gen Ed Requirement)	3	HUMN
	SPA 2464 Introduction to Ethics of Interpreting	3	
	<b>Total Hours</b>	<b>20</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* Mathematics	(GR)	3	GRMT, GRQN
	Science (See A.A. Gen Ed Requirement)	3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
* SPA 2614	American Sign Language III	4	
* SPA 2667	Interactive Interpreting I	3	
* SPA 2667L	Interactive Interpreting I Lab	1	
	<b>Total Hours</b>	<b>20</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
	Science (See A.A. Gen Ed Requirement)	3	AASC
* SPA 2611	Structure of American Sign Language	3	
* SPA 2615	American Sign Language IV	4	
	Social Science (See A.A. Gen Ed Requirement)	3	AASS
+* Humanities	(GR)	3	GRHM, HUMN
* SPA 2668	Interactive Interpreting II with Transliterating	3	
* SPA 2668L	Interactive Interpreting II Lab with Transliterating	1	
	<b>Total Hours</b>	<b>20</b>	
	<b>Total Hours Required</b>	<b>60</b>	

NOTE: American Sign Language cannot be used to fulfill the foreign language graduation requirement at many universities. Students are responsible for verifying acceptability at the institution to which they plan to transfer.

## Pre-Major: Social Sciences

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Social Sciences. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* Mathematics (GR)		3	GRMT, GRQN
Humanities (See A.A. Gen Ed Requirement)		3	HUMN
+ POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)	3	
Science (See A.A. Gen Ed Requirement)		3	AASC
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
PSY 1012	General Psychology	3	
SYG 2000	Introductory Sociology	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* INR 2002	International Politics (GR)	3	GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
ANT 2000	Introductory Anthropology	3	
ECO 2013	Principles of Economics – Macro	3	
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, SLS 1301 Career Development, ECO 2023 Principles of Economics-Micro, POS 2112 State and Local Government, an applicable Internship(s) and Psychology, Sociology, and History courses from the course descriptions section of the catalog. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Sociology

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Sociology. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCI, COMM, GREG
+* Mathematics (GR)		3	GRMT, GRQN
Humanities (See A.A. Gen Ed Requirement)		3	HUMN
POS 2041	U.S. Government	3	POS
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+ SYG 2000	Introductory Sociology	3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* STA 2023	Statistical Methods (GR)	3	
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Science	(See A.A. Gen Ed Requirement)	3	AASC
+ SYG	A Sociology Course	3	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	(GR)	3	GRHM, HUMN
Science	(See A.A. Gen Ed Requirement)	3	AASC
+ SYG	A Sociology Course	3	
Elective(s)		3	
Elective(s)		3	
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success and Sociology courses from the course descriptions section of the catalog. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Spanish

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Spanish. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major.

Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

## FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENC1, COMM, GREG
+* SPN 1100	Elementary Spanish I	3	
+* Mathematics	(GR)	3	GRMT, GRQN
SPC 1600	Fundamentals of Speech	3	COMM, SPC
POS 2041	U.S. Government	3	POS
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

## INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
+* SPN 1101	Elementary Spanish II	3	
+* Mathematics	(GR)	3	GRMT, GRQN
Science	(See A.A. Gen Ed Requirement)	3	AASC
SPC 1700	Cross Cultural Communication	3	
+* SPN 2200	Intermediate Spanish I	3	
+* HUM 2461	Latin American Humanities (GR)	3	GRHM
<b>Total Hours</b>		<b>21</b>	

## ADVANCED COURSES

Course	Title	Credit Hours	Code
Science	(See A.A. Gen Ed Requirement)	3	AASC
+* Literature	AML, ENL or LIT Prefix (GR)	3	GRHM
+* SPN 2201	Intermediate Spanish II	3	
Social Science	(See A.A. Gen Ed Requirement)	3	AASS
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
Elective(s)		3	
<b>Total Hours</b>		<b>18</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, SLS 1122 Student Success and \*SPN 2941 Internship Exploration. The electives do not necessarily need to be taken in three-credit-hour courses.

## Pre-Major: Statistics

### Associate in Arts Degree

This Pre-Major is designed for the student who plans to transfer to a Florida public university as a junior to complete a four-year bachelor's degree in Statistics. Students who plan to transfer to a limited access program are responsible for completing the specific requirements of the institution to which they will transfer as **completion of this Pre-Major does not guarantee admission to an upper division limited access program**. Although this Pre-Major is the best preparation for transfer in this major, students may be able to earn Valencia's Associate in Arts Degree: General Studies and still be prepared for transfer in this major. Students in Pre-Majors must complete all required college-preparatory courses, prerequisites for the listed course requirements, and Valencia's foreign language proficiency requirement. Courses meeting the preceding requirements may be in addition to the 60 credit hours listed.

The courses do not have to be taken in the order listed; the sequence suggested is based upon prerequisites and level of course difficulty for most students.

#### FOUNDATION COURSES

Course	Title	Credit Hours	Code
+* ENC 1101	Freshman Composition I (GR)	3	ENCL, COMM, GREG
Humanities	(See A.A. Gen Ed Requirement)	3	HUMN
+* MAC 2311	Calculus with Analytic Geometry I (GR)	5	
POS 2041	U.S. Government	3	POS
+ BSC 1010C	Fundamentals of Biology I or		
+* CHM 1045C	General Chemistry with Qualitative Analysis I or		
+* PHY 2048C	General Physics with Calculus I	4	
Elective(s)		3	
<b>Total Hours</b>		<b>21</b>	

#### INTERMEDIATE COURSES

Course	Title	Credit Hours	Code
+* ENC 1102	Freshman Composition II (GR)	3	ENC2, COMM, GREG
SPC 1600	Fundamentals of Speech	3	COMM, SPC
+* MAC 2312	Calculus with Analytic Geometry II (GR)	5	
+* STA 2023	Statistical Methods (GR)	3	
+* BSC 1011C	Fundamentals of Biology II or		
+* CHM 1046C	General Chemistry w/Qualitative Analysis II or		
+* PHY 2049C	General Physics with Calculus II	4	
Elective(s)		2	
<b>Total Hours</b>		<b>20</b>	

#### ADVANCED COURSES

Course	Title	Credit Hours	Code
+* Humanities	HUM Prefix (GR)	3	HUMH, GRHM
+* Humanities	(GR)	3	GRHM, HUMN
+* COP 2220	C Programming	3	
+* MAC 2313	Calculus with Analytic Geometry III (GR)	4	
Social Science	(See A.A. Gen Ed Requirements)	3	AASS
Elective(s)		3	
<b>Total Hours</b>		<b>19</b>	
<b>Total Hours Required</b>		<b>60</b>	

NOTES: Recommended electives include: prerequisites necessary for the listed course requirements, foreign language courses necessary to satisfy Valencia's and the university's foreign language proficiency requirement(s), SLS 1122 Student Success, \*MHF 2300 Logic and Proof in Mathematics, MTB 1304 Modern Computational Methods, ECO 2013 Principles of Economics-Macro, and an applicable Internship. The electives do not necessarily need to be taken in three-credit-hour courses.

Specialized courses may not be offered every session or on every campus.

+ This course must be completed with a grade of C or better.

\* This course has a prerequisite; check description in Valencia catalog.

(GR) Denotes a Gordon Rule course.

Code Denotes course attribute if needed for degree audits.

