

ASSOCIATE IN ARTS DEGREE PROGRAMS

ACCOUNTING
AGRICULTURAL (FOOD & RESOURCE)
ECONOMICS
AGRICULTURE (GENERAL)
ANTHROPOLOGY
ARCHITECTURE
ART (GENERAL)
BIOLOGY
BIOTECHNOLOGY
BUSINESS ADMINISTRATION
CHEMISTRY
COMPUTER AND INFORMATION SCIENCES
COMPUTER SCIENCES
CRIMINAL JUSTICE
DIETETICS/NUTRITION
ECONOMICS (BUSINESS)
ECONOMICS (SOCIAL SCIENCES)
EDUCATION (ELEMENTARY/SPECIAL)
EDUCATION (SECONDARY)
ENGINEERING
ENGLISH
ENVIRONMENTAL SCIENCE
FILM
FINANCE/MARKETING
FOREIGN LANGUAGE
FORESTRY/WILDLIFE ECOLOGY &
CONSERVATION
HISTORY
HUMANITIES
JOURNALISM/PUBLIC
RELATIONS
MARINE SCIENCE
MATHEMATICS
MUSIC
MUSICAL THEATRE
MUSIC THERAPY
NURSING
OCCUPATIONAL THERAPY
PARKS & RECREATION
MANAGEMENT
PHARMACY
PHILOSOPHY
PHYSICAL EDUCATION
PHYSICS
POLITICAL SCIENCE
PRE-MEDICINE/PRE-DENTAL/
PRE-VETERINARY/
PRE-PHYSICAL THERAPY
PSYCHOLOGY
PUBLIC ADMINISTRATION
SOCIAL WORK
SOCIOLOGY
THEATRE/DRAMATIC ARTS

Note: The programs listed above are a representative sample of the many A.A. program options available. If you wish to pursue a transfer major not listed, please consult with an IRSC Advisor/Counselor at any campus to plan an appropriate program of study.

ASSOCIATE IN ARTS DEGREE COLLEGE TRANSFER PROGRAM

The Associate in Arts Degree program is designed for students who intend to continue their education through enrollment in a Baccalaureate Degree program.

The A.A. Degree program certifies that the student has completed the first half (freshman and sophomore years) of a four-year college program. **Please note: Length of programs may vary depending on the major area of study and the college or university the student plans to attend.** With the A.A. Degree, the student is classified as a junior and may then undertake programs leading to a Baccalaureate Degree.

ASSOCIATE IN ARTS DEGREE REQUIREMENTS

As its primary function, the Associate in Arts Degree program gives the student an academic experience in preparation for continued success in his or her college career. A major component of the A.A. Degree program is the General Education Requirement.

To meet the requirements for the Associate in Arts Degree, the student must complete 36 semester hours of General Education, plus 24 semester hours of elective prerequisite courses designed for the Associate in Arts Degree major (excluding occupational courses). Sixty (60) semester hours must be earned for the A.A. Degree. In addition to the above requirements, students must:

1. Complete at least 25% of the coursework required for their program at Indian River State College.
2. Submit the required placement scores (ACT, SAT, Florida College Entry-Level Placement Test) to IRSC. Students who present Enhanced ACTE scores of Reading 18, English 17, Math 19 or SAT scores of Verbal 440, Mathematics 440, or higher may be exempt from taking the Florida College Entry-Level Placement Test. The Florida College Entry-Level Placement Test is administered by IRSC. Students who test into college preparatory instruction must successfully complete the required college preparatory courses in English, math, and reading.
3. Achieve a grade point average of not less than 2.0 in all courses taken at IRSC (excluding occupational courses), and all courses attempted (including transfer hours), and complete the requirements of the Communications and Computation Rule (Gordon Rule).
4. Demonstrate competency in the basic use of computers either by passing a computer competency examination or by successfully completing an approved computer course or program (with a grade of "S" or "C" or better).
 - A. The computer competency examination may be taken at any of the IRSC Assessment Services Departments.

Demonstration of competency in the basic use of computers includes:

 - 1) running a Windows-based (or equivalent) program;
 - 2) using a word processing program to create, save, retrieve, edit, and print a file;
 - 3) using the Internet to send email and to locate and to print specific reference materials.
 - B. Courses approved to meet the computer competency requirements for the A.A. Degree are: CGS 1060; CGS 1100; CIS 1000; EME 2040.

- C. Completion of the Information Systems & Computer Applications CLEP examination with a minimum score of 50.
5. Apply for graduation at the beginning of the semester or term in which the student plans to graduate. See calendars in the front of this catalog for deadline dates.
6. Pay the Commencement fee to participate in the appropriate Commencement Ceremony. For Spring graduates, the Ceremony is in May and for Fall/Summer I & II graduates, the Ceremony is in December.
7. Be recommended by the faculty to the President of the College for the confirmation of the degree.

It is the responsibility of the student, not the College, to check his or her records to be sure that all of the above graduation requirements are met. An Educational Services advisor/counselor will assist at any time with course selections and in determining status toward meeting the graduation requirements.

TRANSFER AGREEMENTS

Articulation agreements have been developed between Indian River State College, public school districts, other state/community colleges, and universities to ensure equitable and efficient admission and transfer of students (Florida Statute #240.107 and State Board Rule #6A-10.024). Specialized articulated agreements in program majors have been established with selected universities. Students may obtain information regarding these agreements from the Educational Services Division.

THE STUDENT BILL OF RIGHTS

Florida Community College Associate in Arts graduates are guaranteed the following rights under the Statewide Articulation Agreement (State Board of Education Rule 6A-10.024):

- 1) Admission to one of the eleven (11) state universities, except to limited-access programs which have additional admission requirements.
- 2) Acceptance of at least 60 credit hours by the state universities toward the Baccalaureate degree.
- 3) Adherence to university requirements and policies based on the catalog in effect at the time the student first entered a community college, provided the student maintains continuous enrollment.
- 4) Transfer of equivalent courses under the Statewide Course Numbering System.
- 5) Acceptance by the state universities of credit earned in accelerated programs (e.g., CLEP, AP, PEP, Dual Enrollment, Early Admission, and International Baccalaureate).
- 6) No additional General Education Core requirements.
- 7) Advance knowledge of selection criteria for limited-access programs.
- 8) Equal opportunity with native university students to enter limited-access programs.

Should any guarantee be denied, students have the right of appeal. Each state university and community college shall make available established appeal procedures through the respective articulation officers. The Assistant Dean of Educational Services is the articulation officer at IRSC.

GENERAL EDUCATION REQUIRED COURSES FOR GRADUATION

(A.A. DEGREE) – 36 Semester Hours

General Education teaches students a broad base of knowledge and develops higher order thinking skills. Through the General Education requirements within the Associate in Arts degree, the student will:

- communicate with clarity and precision
- use technology to acquire, organize, and convey information
- describe a wide range of global, social and cultural points of view and apply various perspectives to analyze human behavior
- develop awareness of diverse ethical perspectives
- understand and exhibit civic engagement and social responsibility
- apply critical thinking through problem-solving.

ENGLISH 6 credits

ENC 1101, and ENC 1102, ENC 1107, ENC 2210, AML2010, AML 2020, ENL 2012, ENL 2022, LIN 2670, LIT 2030, LIT 2110, or LIT 2120

In each of the above courses, students will demonstrate college-level writing skills through multiple assignments and complete each course with a grade of “C” or higher.

HUMANITIES 6 credits

AML 2010, AML 2020, ARH 1000, ARH 2050, ARH 2051, ENC 2133, ENG 1123, ENG 1124, ENL 2012, ENL 2022, HUM 1233, HUM 1533, HUM 1541, HUM 2512, IDS 1110, IDS 1955, ISC 2133, LIT 2110, LIT 2120, MUL 2010, MUL 2012, MUY 2100, ORI 1001, PHH 2060, PHH 2403, PHH 2603, PHI 1002, PHI 1010, PHI 1103, PHI 1112, PHI 1635, PHI 1801, PHI 2620, PHI 2623, PHI 2630, REL 1300, SPC 1608, THE 1000, THE 2300, TPP 1110

In each of the above courses, students will demonstrate college-level writing skills through multiple assignments and complete each course with a grade of “C” or higher.

MATHEMATICS 6 credits

MAC 1105, MAC 1114, MAC 1140, MAC 2233, MAC 2234, MAC 2311, MAC 2312, MAC 2313, MAD 2104, MAP 2302, MAS 2103, MGF 2106, MGF 2107, MTG 2204, STA 2023

Students must complete each course with a grade of “C” or higher.

SCIENCE 6 credits

AST 1002, AST 1002L, BOT 2010, BOT 2010L, BSC 1005, BSC 1005L, BSC 1009, BSC 1084, BSC 1254, BSC 1254L, BSC 1421, BSC 1421L, BSC 2010, BSC 2010L, BSC 2011, BSC 2011L, BSC 2093, BSC 2093L, BSC 2094, BSC 2094L, CHM 1020, CHM 1045, CHM 1045L, CHM 1046, CHM 1046L, CHM 1083, CHM 2210, CHM 2210L, CHM 2211, CHM 2211L, CHS 1510, ESC 1000, GLY 1010, MCB 2010, MCB 2010L, MET 1001, OCB 1000, OCB 1000L, OCB 1630, OCB 1630L, OCE 2001, OCE 2001L, OCE 2013, PCB 1030, PHY 1020, PHY 2048, PHY 2048L, PHY 2049, PHY 2049L, PHY 2053, PHY 2053L, PHY 2054, PHY 2054L, PSC1341, PSC 1341L

Consult Educational Services about specific science requirements for major and for university transfer.

SOCIAL SCIENCE..... 12 credits**Students must take 6 credits from the following:**

AMH 2010, AMH 2020, EUH 2000, EUH 2001, EUH 2002, WOH 2012, WOH 2022, WOH 2040

Students must take 6 credits from the following:

ANT 1000, ANT 2140, ANT 2410, ASN 1010, CPO 2002, DEP 2004, ECO 2013, ECO 2023, GEA 2000, INR 2002, INR 2500, POS 1041, PSY 2012, SYG 2000, SYG 2010

A series of college preparatory reading courses will be required of all students who test into college preparatory level reading.

When college level exams are successfully passed for Advanced Placement (AP), International Baccalaureate (IB), and the College Level Examination Program (CLEP), the following courses can be awarded for General Education Requirements:

HUMANITIES – AML X000 (CLEP), ENL X000 (CLEP), ARH X000 (CLEP), REL X300

MATHEMATICS - STA 2014 (AP), MAC X147(CLEP), MHF X202 (IB), MHF X209 (IB)

SCIENCE – CHM X020 (AP and CLEP), ISC X050 (IB), ISC X051 (AP), PHY X020 (IB)

SOCIAL SCIENCE – EUH X009 (AP), GEO X400 (AP), AMH X000 (AP)

ELECTIVES – 24 Credits**ADDITIONAL REQUIREMENTS:**

COMPUTER COMPETENCY – see page 111.

FOREIGN LANGUAGE**8-10 credits**

Effective August 1, 1991, students seeking admission to Florida's public universities must have completed two years of one foreign language at the high school level or the equivalent (8-10 semester hours) at the college level. Some majors and universities require additional foreign language competencies. Students should consult with Educational Services to determine their status.

NOTE: No upper level or occupational courses are permitted in the Associate in Arts Degree programs. In the Course Description section of the Catalog, courses are designated with code letters "P" for Professional/Academic, "O" for Occupational and "U" for Upper Level. Courses with no designation are not intended to transfer to senior colleges or universities; however, they may be accepted as transfer courses at some institutions. Consult an advisor/counselor at the transfer institution of your choice.

REQUIRED PREREQUISITES (See Program Guides or Advisor/Counselor)

To earn the Associate in Arts Degree, certain General Education requirements and elective courses must be satisfactorily completed. Although A.A. students at Indian River State College do not declare majors, students must select prerequisite courses which will best prepare them for transfer into a particular major field at a specific college or university.

In planning the program of study at Indian River State College, students are advised to seek the aid of an advisor/counselor. An advisor/counselor can help review selections of courses acceptable for meeting the General Education requirements, since specific General Education courses may be recommended for a particular major. In addition, an advisor/counselor can suggest prerequisites and sequences of courses for a specific major. **Please note: The length of programs may vary depending on the major area of study and the college or university the student plans to attend.**

The following are examples of programs that meet the requirements for the Associate in Arts Degree and include prerequisite electives generally recommended for certain majors at most of the state universities. Students should check, however, that the suggested courses meet the requirement for the major field at the specific college or university that they plan to attend. Choice of program and selection of courses are the student's responsibility. **Please note:** The Program Code required for the IRSC Application for Admission is the five digit number following the Program Title.

ACCOUNTING - 11010

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credits)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

ACG	2001	Financial Accounting I.....	3 credits
ACG	2011	Financial Accounting II.....	3 credits
ACG	2071	Managerial Accounting.....	3 credits
CGS	1100	Intro to Computer Applications for Business.....	3 credits
*ECO	2013	Principles of Economics Macro.....	3 credits
*ECO	2023	Principles of Economics Micro.....	3 credits
*MAC	2233	Business Calculus I.....	3 credits
*STA	2023	Elementary Statistics I.....	3 credits

RECOMMENDED ELECTIVES:

MAT	1033	Intermediate Algebra.....	3 credits
REA	1933	Reading for Cultural Literacy.....	3 credits
*SPC	1608	Introduction to Speech Communication.....	3 credits

AGRICULTURAL (FOOD & RESOURCE) ECONOMICS - 11020

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

*CHM	1020	Introduction to Chemistry.....	3 credits
		or	
*PHY	1020	Principles of Physics.....	3 credits
ACG	2001	Financial Accounting I.....	3 credits
ACG	2011	Financial Accounting II.....	3 credits
ACG	2071	Managerial Accounting.....	3 credits
*BSC	1005	Life Science.....	3 credits
*BSC	1005L	Life Science Lab.....	1 credit
*ENC	2210	Technical Communications.....	3 credits
*MAC	2233	Business Calculus I.....	3 credits
*SPC	1608	Introduction to Speech Communication.....	3 credits
*STA	2023	Elementary Statistics I.....	3 credits

RECOMMENDED ELECTIVES:

MAT	1033	Intermediate Algebra.....	3 credits
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*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

AGRICULTURE (GENERAL) - 11030**

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

*SYG	2000	Introduction to Sociology	3 credits
		or	
*PSY	2012	Introduction to Psychology.....	3 credits
CGS	1060	College Computing	3 credits
*BSC	2010	General Biology I	3 credits
*BSC	2010L	General Biology I Lab	1 credit
*BSC	2011	General Biology II	3 credits
*BSC	2011L	General Biology II Lab	1 credit
*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab	1 credit
*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab	1 credit
*ECO	2013	Principles of Economics Macro	3 credits
*MAC	1105	College Algebra.....	3 credits
*MAC	1114	Plane Trigonometry	3 credits
*MAC	1140	Precalculus Algebra.....	3 credits
*SPC	1608	Introduction to Speech Communication	3 credits
*STA	2023	Elementary Statistics I.....	3 credits

RECOMMENDED ELECTIVES:

AEB	2104	Principles of Agricultural Economics.....	4 credits
HOS	1010	Fundamentals of Horticulture	4 credits

** See Educational Services for requirements for specific options.

ANTHROPOLOGY - 11040

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

*ANT	2410	Introduction to Cultural Anthropology	3 credits
*ANT	2140	Intro to Biological Anthropology & Archaeology.....	3 credits

RECOMMENDED ELECTIVES:

ANT	2010	Anthropology & the Paranormal	3 credits
CGS	1060	College Computing	3 credits
*ECO	2013	Principles of Economics Macro	3 credits
*ECO	2023	Principles of Economics Micro	3 credits
*GEA	2000	World Regional Geography	3 credits
MAT	1033	Intermediate Algebra.....	3 credits
REA	1933	Reading for Cultural Literacy	3 credits

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

ARCHITECTURE - 11050***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

Architecture is a limited access program at the university level. Specific courses and/or transfer requirements may vary. Please consult an advisor/counselor.

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA**UNIVERSITY SYSTEM PROGRAMS:**

ARC	1301C	Architectural Design I.....	4 credits
ARC	1302C	Architectural Design II.....	4 credits
ARC	1701	Architectural History I.....	3 credits
ARC	1702	Architectural History II.....	3 credits
ARC	2201	Architectural Theory.....	3 credits
ARC	2303	Architectural Design III.....	4 credits
ARC	2304	Architectural Design IV.....	4 credits
ARC	2461	Architectural Materials & Methods I.....	3 credits
ARC	2501	Architectural Structures.....	3 credits
*MAC	2233	Business Calculus I.....	3 credits
*PHY	2053	College Physics I.....	3 credits
*PHY	2053L	College Physics I Lab.....	1 credit

ART (GENERAL) - 11060***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA****UNIVERSITY SYSTEM PROGRAMS:**

*ARH	2050	History of Art: Prehistoric - Gothic.....	3 credits
*ARH	2051	History of Art: Renaissance - Modern.....	3 credits
ART	1200C	Three Dimension Design.....	3 credits
ART	1201C	Color & Design I.....	3 credits
ART	1203C	Color & Design II.....	3 credits
ART	1300C	Drawing I.....	3 credits
ART	1301C	Drawing II.....	3 credits
GRA	2111C	Graphics.....	3 credits

RECOMMENDED ELECTIVES:

ART	1701C	Introduction to Sculpture.....	3 credits
ART	2500C	Painting I.....	3 credits
ART	2330C	Figure & Form.....	3 credits

BIOLOGY - 11070***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA****UNIVERSITY SYSTEM PROGRAMS:**

*MAC	2311	Calculus I with Analytic Geometry.....	5 credits
and			
*MAC	2312	Calculus II.....	4 credits

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

or			
*MAC	2233	Business Calculus I	3 credits
and			
*STA	2023	Elementary Statistics I	3 credits
*BSC	2010	General Biology I	3 credits
*BSC	2010L	General Biology I Lab	1 credit
*BSC	2011	General Biology II	3 credits
*BSC	2011L	General Biology II Lab	1 credit
*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab	1 credit
*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab	1 credit
*CHM	2210	Organic Chemistry I.....	3 credits
*CHM	2210L	Organic Chemistry I Lab.....	1 credit
*CHM	2211	Organic Chemistry II	3 credits
*CHM	2211L	Organic Chemistry II Lab.....	1 credit

BIOTECHNOLOGY - 11480

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

*MAC	2311	Calculus I with Analytic Geometry	5 credits
*STA	2023	Elementary Statistics I	3 credits
*BSC	2010	General Biology I	3 credits
*BSC	2010L	General Biology I Lab	1 credit
*BSC	2011	General Biology II	3 credits
*BSC	2011L	General Biology II Lab	1 credit
*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab	1 credit
*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab	1 credit
*CHM	2210	Organic Chemistry I.....	3 credits
*CHM	2210L	Organic Chemistry I Lab.....	1 credit
*CHM	2211	Organic Chemistry II	3 credits
*CHM	2211L	Organic Chemistry II Lab.....	1 credit
*PHY	2053	College Physics I.....	3 credits
*PHY	2053L	College Physics I Lab.....	1 credit
*PHY	2054	College Physics II.....	3 credits
*PHY	2054L	College Physics II Lab.....	3 credits

RECOMMENDED ELECTIVES:

*BSC	1421	Introduction to Biotechnology.....	3 credits
*BSC	1421	Introduction to Biotechnology Lab	1 credit

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

BUSINESS ADMINISTRATION - 11080***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credits)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA****UNIVERSITY SYSTEM PROGRAMS:**

ACG	2001	Financial Accounting I	3 credits
ACG	2011	Financial Accounting II	3 credits
ACG	2071	Managerial Accounting	3 credits
CGS	1100	Intro to Computer Applications for Business	3 credits
*ECO	2013	Principles of Economics Macro	3 credits
*ECO	2023	Principles of Economics Micro	3 credits
*MAC	2233	Business Calculus I	3 credits
*STA	2023	Elementary Statistics I	3 credits

RECOMMENDED ELECTIVES:

MAT	1033	Intermediate Algebra.....	3 credits
*POS	1041	American Government	3 credits
*SYG	2000	Introduction to Sociology	3 credits

CHEMISTRY - 11090***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA****UNIVERSITY SYSTEM PROGRAMS:**

*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab	1 credit
*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab	1 credit
*CHM	2210	Organic Chemistry I.....	3 credits
*CHM	2210L	Organic Chemistry I Lab.....	1 credit
*CHM	2211	Organic Chemistry II	3 credits
*CHM	2211L	Organic Chemistry II Lab.....	1 credit
*MAC	2311	Calculus I with Analytic Geometry	5 credits
*MAC	2312	Calculus II	4 credits

RECOMMENDED ELECTIVES:

*PHY	2048	Physics for Engineers I.....	3 credits
*PHY	2048L	Physics for Engineers I Lab.....	1 credit
*PHY	2049	Physics for Engineers II	3 credits
*PHY	2049L	Physics for Engineers II Lab.....	1 credit
*PHY	2053	College Physics I.....	3 credits
*PHY	2053L	College Physics I Lab.....	1 credit
*PHY	2054	College Physics II.....	3 credits
*PHY	2054L	College Physics II Lab.....	1 credit

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

COMPUTER & INFORMATION SCIENCES - 11100***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credits)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:**

COP	2000	Introduction to Computer Programming I	3 credits
or			
COP	2220	C Programming I	3 credits
or			
COP	2334	C++ Programming	3 credits
ACG	2001	Financial Accounting I	3 credits
ACG	2011	Financial Accounting II	3 credits
ACG	2071	Managerial Accounting	3 credits
*ECO	2013	Principles of Economics Macro	3 credits
*ECO	2023	Principles of Economics Micro	3 credits
*MAC	2233	Business Calculus I	3 credits
*STA	2023	Elementary Statistics I	3 credits

COMPUTER SCIENCES - 11110***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credits)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:**

COP	2000	Introduction to Computer Programming I	3 credits
or			
COP	2220	C Programming I	3 credits
or			
COP	2334	C++ Programming	3 credits
*PHY	2048	Physics for Engineers I	3 credits
and			
*PHY	2048L	Physics for Engineers I Lab	1 credit
or			
*PHY	2049	Physics for Engineers II	3 credits
and			
*PHY	2049L	Physics for Engineers II Lab	1 credit
*MAC	2311	Calculus I with Analytic Geometry	5 credits
*MAC	2312	Calculus II	4 credits

Two science courses for science majors (minimum 6 credits):

*BSC	2010	General Biology I	3 credits
*BSC	2011	General Biology II	3 credits
*CHM	1045	General Chemistry I	3 credits
*CHM	1046	General Chemistry II	3 credits
*CHM	2210	Organic Chemistry I	3 credits
*CHM	2210L	Organic Chemistry I Lab	1 credit
*CHM	2211	Organic Chemistry II	3 credits
*CHM	2211L	Organic Chemistry II Lab	1 credit
*PHY	2053	College Physics I	3 credits

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

*PHY	2053L	College Physics I Lab.....	1 credit
*PHY	2054	College Physics II.....	3 credits
*PHY	2054L	College Physics II Lab.....	1 credit

CRIMINAL JUSTICE - 11120

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

RECOMMENDED ELECTIVES:

CGS	1060	College Computing.....	3 credits
CCJ	2020	Introduction to Criminal Justice.....	3 credits
CJL	2100	Criminal Law I.....	3 credits
CJL	2403	Criminal Procedure.....	3 credits
CJL	2062	Constitutional Law.....	3 credits
MAT	1033	Intermediate Algebra.....	3 credits
*POS	1041	American Government.....	3 credits
POS	2112	American State & Local Government.....	3 credits
*PSY	2012	Introduction to Psychology.....	3 credits
*SYG	2010	Social Problems.....	3 credits

DIETETICS/NUTRITION - 11130

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

*BSC	2010	General Biology I.....	3 credits
*BSC	2010L	General Biology I Lab.....	1 credit
*BSC	2093	Anatomy & Physiology I.....	3 credits
*BSC	2093L	Anatomy & Physiology I Lab.....	1 credit
*BSC	2094	Anatomy & Physiology II.....	3 credits
*BSC	2094L	Anatomy & Physiology II Lab.....	1 credit
CGS	1060	College Computing.....	3 credits
*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab.....	1 credit
*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab.....	1 credit
*CHM	2210	Organic Chemistry I.....	3 credits
*CHM	2210L	Organic Chemistry I Lab.....	1 credit
*CHM	2211	Organic Chemistry II.....	3 credits
*CHM	2211L	Organic Chemistry II Lab.....	1 credit
HUN	1201	Nutrition.....	3 credits
*ECO	2013	Principles of Economics Macro.....	3 credits
*MAC	1105	College Algebra.....	3 credits
*MCB	2010	Microbiology for Health Sciences.....	3 credits
*MCB	2010L	Microbiology Lab for Health Sciences.....	1 credit
*PSY	2012	Introduction to Psychology.....	3 credits

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

RECOMMENDED ELECTIVES:

*SYG 2000 Introduction to Sociology 3 credits

ECONOMICS (BUSINESS) - 11140

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

ACG 2001 Financial Accounting I 3 credits
 ACG 2011 Financial Accounting II 3 credits
 ACG 2071 Managerial Accounting 3 credits
 CGS 1100 Intro to Computer Applications for Business 3 credits
 *ECO 2013 Principles of Economics Macro 3 credits
 *ECO 2023 Principles of Economics Micro 3 credits
 *MAC 2233 Business Calculus I 3 credits
 *STA 2023 Elementary Statistics I 3 credits

RECOMMENDED ELECTIVES:

*GEA 2000 World Regional Geography 3 credits
 *MAC 1140 Precalculus Algebra..... 3 credits
 MAT 1033 Intermediate Algebra..... 3 credits
 *POS 1041 American Government 3 credits
 *SYG 2000 Introduction to Sociology 3 credits

ECONOMICS (SOCIAL SCIENCES) - 11150

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

*ECO 2013 Principles of Economics Macro 3 credits
 *ECO 2023 Principles of Economics Micro 3 credits

RECOMMENDED ELECTIVES:

ACG 2001 Financial Accounting I 3 credits
 ACG 2011 Financial Accounting II 3 credits
 ACG 2071 Managerial Accounting 3 credits
 CGS 1100 Intro to Computer Applications for Business 3 credits
 *MAC 2233 Business Calculus I 3 credits
 *POS 1041 American Government 3 credits
 REA 1205 Advanced College Reading I 3 credits
 *SPC 1608 Introduction to Speech Communication 3 credits
 *STA 2023 Elementary Statistics I 3 credits
 *SYG 2000 Introduction to Sociology 3 credits

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

EDUCATION - 11160 (ELEMENTARY/SPECIAL EDUCATION)

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

It is recommended that students take the General Knowledge examination during their last year prior to transfer. Specific courses and/or transfer requirements may vary. Please consult an advisor/counselor.

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

EDF	2005	Introduction to the Teaching Profession	3 credits
EDF	2085	Intro to Diversity & Exceptionalities for Educators	3 credits
EME	2040	Introduction to Technology for Educators	3 credits

At least 6 credits in courses with an international or diversity focus. Foreign language may be used to meet this requirement.

RECOMMENDED ELECTIVES:

EDP	2002	Educational Psychology	3 credits
EEX	2010	Introduction to Special Education	3 credits
LIT	2330	Children's Literature	3 credits
*MGF	2106	Mathematics for Liberal Arts I	3 credits
*MGF	2107	Mathematics for Liberal Arts II	3 credits
*STA	2023	Elementary Statistics I	3 credits

EDUCATION - 11170 (SECONDARY)

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

It is recommended that students take the General Knowledge examination during their last year prior to transfer. Specific courses and/or transfer requirements may vary. Please consult an advisor/counselor.

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

EDF	2005	Introduction to the Teaching Profession	3 credits
EDF	2085	Intro to Diversity & Exceptionalities for Educators	3 credits
EME	2040	Introduction to Technology for Educators	3 credits

Secondary Education Majors must complete additional hours in their areas of specialization.

At least 6 credits in courses with an international or diversity focus. Foreign language may be used to meet this requirement.

EDUCATOR PREPARATION INSTITUTE F0010 – 21 CREDITS

This program of study was designed for non-education post-baccalaureate degree holders. The EPI offers the opportunity to become a highly skilled certified teacher

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

building on the participant's content area skills and incorporating the critical competencies that are required of effective teachers.

REQUIRED COURSES:

EPI	0001	Classroom Management.....	3 credits
EPI	0002	Instructional Strategies.....	3 credits
EPI	0003	Technology.....	3 credits
EPI	0004	The Teaching & Learning Process.....	3 credits
EPI	0010	Foundations of Research-based Practice.....	3 credits
EPI	0020	Professional Foundations.....	2 credits
EPI	0030	Diversity.....	2 credits
EPI	0940	Field Experience.....	1 credit
EPI	0945	Field Experience.....	1 credit

RECOMMENDED ELECTIVES:

EPI	0009	Foundations of Language & Cognition.....	3 credits
EPI	0011	Foundations of Assessment.....	3 credits

ENGINEERING - 11180***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:**

*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab.....	1 credit
*ENC	1101	English Composition I.....	3 credits
*ENC	1102	English Composition II.....	3 credits
*MAC	2311	Calculus I with Analytic Geometry.....	5 credits
*MAC	2312	Calculus II.....	4 credits
*MAC	2313	Calculus III.....	5 credits
*MAP	2302	Differential Equations.....	3 credits
*PHY	2048	Physics for Engineers I.....	3 credits
*PHY	2048L	Physics for Engineers I Lab.....	1 credit
*PHY	2049	Physics for Engineers II.....	3 credits
*PHY	2049L	Physics for Engineers II Lab.....	1 credit

RECOMMENDED ELECTIVES:

EGS	1001	Introduction to Engineering.....	3 credits
EGS	1110	Engineering Graphics.....	3 credits

ENGLISH - 11190***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:**

*ENC	1101	English Composition I.....	3 credits
*ENC	1102	English Composition II.....	3 credits

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

RECOMMENDED ELECTIVES:

*AML	2010	American Literature to 1865	3 credits
*AML	2020	American Literature after 1865	3 credits
CRW	2001	Creative Writing I	3 credits
CRW	2002	Creative Writing II	3 credits
*ENL	2012	English Literature to 1798	3 credits
*ENL	2022	English Literature after 1798	3 credits
*LIT	2110	World Literature: Homer to the Renaissance	3 credits
*LIT	2120	World Literature: Enlightenment to Present	3 credits
MAT	1033	Intermediate Algebra.....	3 credits
REA	1205	Advanced College Reading I	3 credits
REA	1933	Reading for Cultural Literacy	3 credits
*SPC	1608	Introduction to Speech Communication	3 credits

ENVIRONMENTAL SCIENCE - 11200***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:**

*BSC	2010	General Biology I	3 credits
*BSC	2010L	General Biology I Lab	1 credit
*BSC	2011	General Biology II	3 credits
*BSC	2011L	General Biology II Lab	1 credit
or			
*MCB	2010	Microbiology for Health Sciences	3 credits
*MCB	2010L	Microbiology Lab for Health Sciences.....	1 credit
*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab	1 credit
*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab	1 credit
*MAC	1140	Precalculus	3 credits
or			
*MAC	2233	Business Calculus	3 credits
*STA	2023	Elementary Statistics I	3 credits
*PHY	1020	Principles of Physics.....	3 credits
or			
*PHY	2053	College Physics	3 credits
*PHY	2053L	College Physics Lab.....	1 credit
*ECO	2013	Principles of Economics Macro	3 credits
*ECO	2023	Principles of Economics Micro	3 credits
*POS	1041	American Government	3 credits

RECOMMENDED ELECTIVES:

*MAC	2311	Calculus I with Analytical Geology	5 credits
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***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

FILM – 11440***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:**

*ENG	1123	History of Film I.....	3 credits
FIL	2100	Introduction to Scriptwriting.....	3 credits
MMC	1000	Survey of Mass Communication.....	3 credits

RECOMMENDED ELECTIVES:

*AML	2010	American Literature to 1865.....	3 credits
*AML	2020	American Literature after 1865.....	3 credits
*ENL	2012	English Literature to 1798.....	3 credits
*ENL	2022	English Literature after 1798.....	3 credits
*ENG	1124	History of Film II.....	3 credits
FIL	2102	Film & Television Scriptwriting.....	3 credits
*LIT	2110	World Literature: Homer to the Renaissance.....	3 credits
*LIT	2120	World Literature: Enlightenment to Present.....	3 credits

FINANCE/MARKETING - 11210***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:**

ACG	2001	Financial Accounting I.....	3 credits
ACG	2011	Financial Accounting II.....	3 credits
ACG	2071	Managerial Accounting.....	3 credits
CGS	1100	Intro to Computer Applications for Business.....	3 credits
*ECO	2013	Principles of Economics Macro.....	3 credits
*ECO	2023	Principles of Economics Micro.....	3 credits
*MAC	2233	Business Calculus I.....	3 credits
*STA	2023	Elementary Statistics I.....	3 credits

RECOMMENDED ELECTIVES:

*SYG	2000	Introduction to Sociology.....	3 credits
MAT	1033	Intermediate Algebra.....	3 credits
*POS	1041	American Government.....	3 credits

FOREIGN LANGUAGE - 11220***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:**

Universities may require Foreign Language Majors to have a second foreign language as a minor. Students should consult Educational Services for specific requirements for the university of their choice.

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

SPANISH LANGUAGE COURSES:

SPN	1120	Elementary Spanish I.....	4 credits
SPN	1121	Elementary Spanish II.....	4 credits
SPN	2220	Intermediate Spanish I.....	4 credits
SPN	2221	Intermediate Spanish II.....	4 credits

FRENCH LANGUAGE COURSES:

FRE	1120	Elementary French I.....	4 credits
FRE	1121	Elementary French II.....	4 credits
FRE	2220	Intermediate French I.....	4 credits
FRE	2221	Intermediate French II.....	4 credits

CHINESE LANGUAGE COURSES:

CHI	1120	Elementary Chinese I.....	4 credits
CHI	1121	Elementary Chinese II.....	4 credits
CHI	2220	Intermediate Chinese I.....	4 credits
CHI	2221	Intermediate Chinese II.....	4 credits

GERMAN LANGUAGE COURSES:

GER	1120	Elementary German I.....	4 credits
GER	1121	Elementary German II.....	4 credits

RECOMMENDED ELECTIVES:

REA	1933	Advanced College Reading I.....	3 credits
*SPC	1608	Introduction to Speech Communication.....	3 credits
EDP	2002	Introduction to Educational Psychology.....	3 credits

FORESTRY, WILDLIFE ECOLOGY, AND CONSERVATION - 11230

GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)*REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA****UNIVERSITY SYSTEM PROGRAMS:**

*MAC	2311	Calculus I with Analytic Geometry.....	5 credits
or			
*MAC	2233	Business Calculus I.....	3 credits
*PSY	2012	Introduction to Psychology.....	3 credits
or			
*SYG	2000	Introduction to Sociology.....	3 credits
CGS	1100	Intro to Computer Applications - Business.....	3 credits
or			
CGS	1060	College Computing.....	3 credits
*BSC	2010	General Biology I.....	3 credits
*BSC	2010L	General Biology I Lab.....	1 credit
*BSC	2011	General Biology II.....	3 credits
*BSC	2011L	General Biology II Lab.....	1 credit
*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab.....	1 credit

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

*ECO	2023	Principles of Economics Micro	3 credits
*ENC	2210	Technical Communications.....	3 credits
*PHY	1020	Principles of Physics.....	3 credits
*SPC	1608	Introduction to Speech Communication	3 credits
*STA	2023	Elementary Statistics I	3 credits

RECOMMENDED ELECTIVES:

*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab	1 credit

HISTORY - 11240

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

Students majoring in History must take GEA 2000 and one other Social Science course to fulfill the Social Science General Education requirements.

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

Choose six credits from among the following:

*AMH	2010	American History: Discovery to Reconstruction	3 credits
*AMH	2020	American History: Reconstruction to Present.....	3 credits
*EUH	2000	Western Civilization: Origins to 1485.....	3 credits
*EUH	2001	Western Civilization: 1485 to 1815	3 credits
*EUH	2002	Western Civilization: 1815 to Present.....	3 credits
*WOH	2012	World History to 1500.....	3 credits
*WOH	2022	World History since 1500	3 credits

RECOMMENDED ELECTIVES:

AFA	2000	Afro-American Studies	3 credits
AFH	1000	African History since 1800	3 credits
*ANT	2410	Introduction to Cultural Anthropology	3 credits
*ECO	2013	Principles of Economics Macro	3 credits
*INR	2002	Introduction to International Relations.....	3 credits
*POS	1041	American Government	3 credits
REA	1933	Reading for Cultural Literacy	3 credits

HUMANITIES - 11250

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

RECOMMENDED ELECTIVES:

*AML	2010	American Literature to 1865.....	3 credits
*ARH	2051	History of Art: Renaissance to Modern	3 credits
*ENL	2012	English Literature to 1798.....	3 credits
*ENL	2022	English Literature after 1798	3 credits
FIL	1030	History of Film.....	3 credits
*HUM	1533	Humanities Philosophy	3 credits
*HUM	2512	Humanities Fine Arts.....	3 credits
*LIT	2110	World Literature: Homer to the Renaissance	3 credits

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

*LIT	2120	World Literature: Enlightenment to Present.....	3 credits
MAT	1033	Intermediate Algebra.....	3 credits
*MUL	2010	Survey of Music Literature.....	3 credits
*PHI	1010	Introduction to Philosophy.....	3 credits
*PHI	1103	Critical & Creative Thinking.....	3 credits
PHI	1930	Eastern Philosophies.....	3 credits
PHI	2100	Introduction to Logic.....	3 credits
*PHI	2630	Introduction to Ethics.....	3 credits
REA	1205	Advanced College Reading I.....	3 credits
REA	1933	Reading for Cultural Literacy.....	3 credits

JOURNALISM/PUBLIC RELATIONS - 11260

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

*SPC	1608	Introduction to Speech Communication.....	3 credits
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RECOMMENDED ELECTIVES:

*ECO	2023	Principles of Economics Micro.....	3 credits
*ENC	1107	Advanced College Writing.....	3 credits
JOU	1100	News Reporting & Writing.....	3 credits
MMC	1000	Survey of Mass Communication.....	3 credits
*PSY	2012	Introduction to Psychology.....	3 credits
REA	1933	Reading for Cultural Literacy.....	3 credits
SYG	1250	Multicultural Problems.....	3 credits

MARINE SCIENCE - 11280

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

*MAC	2311	Calculus I with Analytic Geometry.....	5 credits
and			
*MAC	2312	Calculus II.....	4 credits
or			
*MAC	2233	Business Calculus I.....	3 credits
and			
*STA	2023	Elementary Statistics I.....	3 credits
*BSC	2010	General Biology I.....	3 credits
*BSC	2010L	General Biology I Lab.....	1 credit
*BSC	2011	General Biology II.....	3 credits
*BSC	2011L	General Biology II Lab.....	1 credit
*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab.....	1 credit
*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab.....	1 credit

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

*CHM	2210	Organic Chemistry I.....	3 credits
*CHM	2210L	Organic Chemistry I Lab.....	1 credit
*CHM	2211	Organic Chemistry II.....	3 credits
*CHM	2211L	Organic Chemistry II Lab.....	1 credit

RECOMMENDED ELECTIVES:

*OCB	1000	Introduction to Marine Biology.....	3 credits
*OCB	1000L	Introduction to Marine Biology Lab.....	1 credit
*OCB	1630	Marine Ecology.....	3 credits
*OCE	2001	Introduction to Oceanography.....	3 credits

MATHEMATICS - 11290***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA****UNIVERSITY SYSTEM PROGRAMS:**

*MAC	2311	Calculus I with Analytic Geometry.....	5 credits
*MAC	2312	Calculus II.....	4 credits
*MAC	2313	Calculus III.....	5 credits

Completion of two laboratory-based science courses:

*BSC	2010	General Biology I.....	3 credits
*BSC	2010L	General Biology I Lab.....	1 credit
or			
*BSC	2011	General Biology II.....	3 credits
*BSC	2011L	General Biology II Lab.....	1 credit
*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab.....	1 credit
or			
*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab.....	1 credit
or			
*PHY	2048	Physics for Engineers I.....	3 credits
*PHY	2048L	Physics for Engineers I Lab.....	1 credit
or			
*PHY	2049	Physics for Engineers II.....	3 credits
*PHY	2049L	Physics for Engineers II Lab.....	1 credit
or			
*PHY	2053	College Physics I.....	3 credits
*PHY	2053L	College Physics I Lab.....	1 credit
or			
*PHY	2054	College Physics II.....	3 credits
*PHY	2054L	College Physics II Lab.....	1 credit

Completion of one computer course:

COP	2220	C Programming I.....	3 credits
COP	2334	C++ Programming.....	3 credits

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

RECOMMENDED ELECTIVES:

COP	2000	Introduction to Computer Programming I	3 credits
*MAP	2302	Differential Equations	3 credits
*STA	2023	Elementary Statistics I	3 credits

MUSIC - 11300***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:**

Performing Ensembles: (4 semesters)

MUN	2140	Wind Ensemble.....	4 semesters x 1 credit
or			
MUN	2310	College Chorale	4 semesters x 1 credit
MUT	1111	Theory of Music I	3 credits
MUT	1112	Theory of Music II	3 credits
MUT	1241	Sightsinging & Ear Training I & II	2 semesters x 1 credit
MUT	2116	Theory of Music III	3 credits
MUT	2117	Theory of Music IV	3 credits
MVK	1111	Class Piano I & II	2 semesters x 2 credits
MVK	2121	Class Piano III & IV	2 semesters x 2 credits
		Applied Music	4 semesters x 1½ credits

RECOMMENDED ELECTIVES:

*MUL	2010	Survey of Music Literature.....	3 credits
MUN	2130	Symphonic Band	1 credit
MUN	2290	Theatre Orchestra	1 credit
MUN	2440	Percussion Ensemble.....	1 credit
MUN	2480	Guitar Ensemble.....	1 credit
MUN	2012	Instrumental Ensemble.....	1 credit
MUN	2710	Stage/Jazz Band	1 credit
MUN	2720	Vocal Ensemble "Company"	1 credit
MUO	2020	Music Theatre.....	1 credit
MUT	1001	Fundamentals of Theory	3 credits
MUT	1221	Introduction to Sightsinging.....	2 semesters x 2 credits
MUT	1641	Jazz Improvisation I	2 credits
MAT	1642	Jazz Improvisation II	2 credits

MUSICAL THEATER – 11450***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****RECOMMENDED ELECTIVES:**

*TPP	1110	Acting	3 credits
DAA	1200	Ballet I	2 credits
DAA	1201	Ballet II	2 credits
DAA	1500	Jazz Dance	2 credits

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

MUT	1111	Theory of Music I	3 credits
TPA	2290	Technical Theater	1 credit
MUT	1221	Introduction to Sightsinging.....	2 semesters x 2 credits
TPP	1190	Rehearsal & Performance Lab	4 semesters x 1 credit
MVV	1113	Class Voice Performance	1 credit
MVV	2321	Principal Applied Voice.....	4 semesters x 1½ credits
*MUL	2010	Survey of Music Literature.....	3 credits
MUO	1002	Musical Theater Lab I.....	2 credits
MUO	1003	Musical Theater Lab II.....	2 credits
MVK	1111	Class Piano I & II	2 semesters x 2 credits

****MUSIC THERAPY – 11470**

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours) to include:**
ENC 1101, ENC 1102, HUM 1541, MAC 1105, STA 2023, BSC 2010, BSC 2010L, PSY 2012

RECOMMENDED ELECTIVES:

		Applied Music	4 semesters x 1½ credits
MVO	1310	Applied Music Principle	4 semesters x ½ credit
MVK	1111	Class Piano I & II	2 semesters x 2 credits
MUS	2934	Arts in Medicine.....	1-3 credits
MUT	1111	Theory of Music I	3 credits
MUT	1112	Theory of Music II.....	3 credits
MUT	1221	Introduction to Sightsinging.....	2 semesters x 2 credits
MUT	2116	Theory of Music III	3 credits
MUT	2117	Theory of Music IV.....	3 credits
MUY	2600	Recreational Music	3 credits
MVK	2121	Class Piano III & IV	2 semesters x 2 credits
MUE	2090	Orientation to Music Education/Therapy.....	1 credit
MUT	1241	Sightsinging & Ear Training I & II.....	2 semesters x 1 credit
MVS	1116	Class Guitar-Music Therapy	1 credit
		Performing Ensembles.....	4 semesters x 1 credit

**Please Note: Classes listed are required of any student who intends to use the Specialized Articulation Agreement between Indian River State College and Florida State University.

NURSING - 11310

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

HUN	1201	Nutrition	3 credits
*BSC	2093	Anatomy & Physiology I	3 credits
*BSC	2093L	Anatomy & Physiology I Lab.....	1 credit
*BSC	2094	Anatomy & Physiology II	3 credits
*BSC	2094L	Anatomy & Physiology II Lab.....	1 credit
*CHM	1020	Introduction to Chemistry	3 credits

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

*DEP	2004	Human Development	3 credits
*MCB	2010	Microbiology for Health Sciences	3 credits
*MCB	2010L	Microbiology Lab for Health Sciences	1 credit
*PSY	2012	Introduction to Psychology	3 credits
*STA	2023	Elementary Statistics I	3 credits
*SYG	2000	Introduction to Sociology	3 credits

RECOMMENDED ELECTIVES:

*BSC	2010	General Biology I	3 credits
*BSC	2010L	General Biology I Lab	1 credit
*BSC	2011	General Biology II	3 credits
*BSC	2011L	General Biology II Lab	1 credit
MAT	1033	Intermediate Algebra.....	3 credits

OCCUPATIONAL THERAPY - 11320***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA****UNIVERSITY SYSTEM PROGRAMS:**

*ANT	2410	Introduction to Cultural Anthropology	3 credits
or			
*SYG	2000	Introduction to Sociology	3 credits
*BSC	2010	General Biology I	3 credits
*BSC	2010L	General Biology I Lab	1 credit
*BSC	2093	Anatomy & Physiology I	3 credits
*BSC	2093L	Anatomy & Physiology I Lab.....	1 credit
*BSC	2094	Anatomy & Physiology II	3 credits
*BSC	2094L	Anatomy & Physiology II Lab.....	1 credit
*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab	1 credit
CLP	2140	Abnormal Psychology	3 credits
*DEP	2004	Human Development	3 credits
*PHY	2053	College Physics I	3 credits
*PHY	2053L	College Physics I Lab.....	1 credit
*PSY	2012	Introduction to Psychology.....	3 credits
*STA	2023	Elementary Statistics I	3 credits

PARKS AND RECREATION MANAGEMENT - 11270***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)****REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA****UNIVERSITY SYSTEM PROGRAMS:**

*DEP	2004	Human Development	3 credits
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RECOMMENDED ELECTIVES:

*BSC	1084	Survey of the Human Body	4 credits
CGS	1060	College Computing	3 credits
*ENC	2210	Technical Communications.....	3 credits

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

HLP	1081	Personal Wellness	3 credits
HSC	2100	Personal & Community Health	3 credits
HSC	2400	First Aid & Safety	3 credits
MAR	2011	Principles of Marketing	3 credits
PEO	2013	Sports Officiating.....	3 credits
PET	2622	Care & Prevention of Athletic Injuries	3 credits
PET	2760	Principles of Coaching	3 credits
REA	1205	Advanced College Reading I	3 credits
*SPC	1608	Introduction to Speech Communication	3 credits

PHARMACY - 11330

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

*MAC	2311	Calculus I with Analytic Geometry	5 credits
		or	
*MAC	2233	Business Calculus I	3 credits
*BSC	2010	General Biology I	3 credits
*BSC	2010L	General Biology I Lab	1 credit
*BSC	2011	General Biology II	3 credits
*BSC	2011L	General Biology II Lab	1 credit
*CHM	1045	General Chemistry I	3 credits
*CHM	1045L	General Chemistry I Lab	1 credit
*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab	1 credit
*CHM	2210	Organic Chemistry I	3 credits
*CHM	2210L	Organic Chemistry I Lab.....	1 credit
*CHM	2211	Organic Chemistry II	3 credits
*CHM	2211L	Organic Chemistry II Lab.....	1 credit
*MAC	1140	Precalculus Algebra.....	3 credits
*MAC	1114	Plane Trigonometry	3 credits
*PHY	2053	College Physics I	3 credits
*PHY	2053L	College Physics I Lab.....	1 credit
*PHY	2054	College Physics II.....	3 credits
*PHY	2054L	College Physics II Lab.....	1 credit
*SPC	1608	Introduction to Speech Communication	3 credits

RECOMMENDED ELECTIVES:

*BSC	2093	Anatomy & Physiology I	3 credits
*BSC	2093L	Anatomy & Physiology I Lab.....	1 credit
*BSC	2094	Anatomy & Physiology II	3 credits
*BSC	2094L	Anatomy & Physiology II Lab.....	1 credit

Students should consult Educational Services for special requirements for the university of their choice.

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

PHILOSOPHY - 11340

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

RECOMMENDED ELECTIVES:

*HUM	1533	Humanities Philosophy	3 credits
HUS	2500	Introduction to Ethics in Human Services	3 credits
MAT	1033	Intermediate Algebra.....	3 credits
*PHI	1010	Introduction to Philosophy	3 credits
*PHI	1103	Critical & Creative Thinking	3 credits
PHI	1450	Philosophy of Psychology.....	3 credits
PHI	1930	Eastern Philosophies	3 credits
PHI	2100	Introduction to Logic	3 credits
*PHI	2630	Introduction to Ethics.....	3 credits
*POS	1041	American Government	3 credits
PPE	2001	Person & Personality Development.....	3 credits
REA	1205	Advanced College Reading I	3 credits
*SPC	1608	Introduction to Speech Communication	3 credits
*STA	2023	Elementary Statistics I	3 credits

PHYSICAL EDUCATION - 11111

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

It is recommended that students take the General Knowledge examination during their last year prior to transfer. Specific courses and/or transfer requirements may vary. Please consult an advisor/counselor.

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

EDF	2005	Introduction to the Teaching Profession	3 credits
EDF	2085	Intro to Diversity & Exceptionalities for Educators	3 credits
EME	2040	Introduction to Technology for Educators	3 credits

At least 6 credits in courses with an international or diversity focus. Foreign language may be used to meet this requirement.

PET	2622	Care & Prevention of Athletic Injuries	3 credits
or			
*BSC	2094	Anatomy & Physiology II	3 credits
and			
*BSC	2094L	Anatomy & Physiology II Lab.....	1 credit
HLP	1081	Personal Wellness.....	3 credits

RECOMMENDED ELECTIVES:

*DEP	2004	Human Development	3 credits
HSC	2100	Personal & Community Health	3 credits
HSC	2400	First Aid & Safety	3 credits
PEO	2013	Sports Officiating.....	3 credits
PET	2760	Principles of Coaching	3 credits
REA	1933	Reading for Cultural Literacy	3 credits

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

*SPC	1608	Introduction to Speech Communication	3 credits
*STA	2023	Elementary Statistics I	3 credits

PHYSICS - 11360

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

*CHM	1045	General Chemistry I	3 credits
*CHM	1045L	General Chemistry I Lab	1 credit
*CHM	1046	General Chemistry II	3 credits
*CHM	1046L	General Chemistry II Lab	1 credit
*MAC	2311	Calculus I with Analytic Geometry	5 credits
*MAC	2312	Calculus II	4 credits
*MAC	2313	Calculus III	5 credits
*PHY	2048	Physics for Engineers I	3 credits
*PHY	2048L	Physics for Engineers I Lab	1 credit
*PHY	2049	Physics for Engineers II	3 credits
*PHY	2049L	Physics for Engineers II Lab	1 credit

RECOMMENDED ELECTIVES:

*MAP	2302	Differential Equations	3 credits
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POLITICAL SCIENCE - 11370

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

CPO	2002	Comparative Politics	3 credits
or			
*INR	2002	Introduction to International Relations	3 credits
or			
POS	2112	American State & Local Government	3 credits
*POS	1041	American Government	3 credits

RECOMMENDED ELECTIVES:

*ANT	2410	Introduction to Cultural Anthropology	3 credits
*ECO	2013	Principles of Economics Macro	3 credits
*ECO	2023	Principles of Economics Micro	3 credits
*GEA	2000	World Regional Geography	3 credits
MAT	1033	Intermediate Algebra	3 credits
REA	1933	Reading for Cultural Literacy	3 credits
*SYG	2000	Introduction to Sociology	3 credits
*WOH	2012	World History to 1500	3 credits
or			
*WOH	2022	World History since 1500	3 credits

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.

**PRE-MEDICINE/PRE-DENTAL/PRE-VETERINARY/
PRE-PHYSICAL THERAPY - 11380**

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

**REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA
UNIVERSITY SYSTEM PROGRAMS:**

*BSC	2010	General Biology I	3 credits
*BSC	2010L	General Biology I Lab	1 credit
*BSC	2011	General Biology II	3 credits
*BSC	2011L	General Biology II Lab	1 credit
*CHM	1045	General Chemistry I.....	3 credits
*CHM	1045L	General Chemistry I Lab	1 credit
*CHM	1046	General Chemistry II.....	3 credits
*CHM	1046L	General Chemistry II Lab	1 credit
*CHM	2210	Organic Chemistry I.....	3 credits
*CHM	2210L	Organic Chemistry I Lab.....	1 credit
*CHM	2211	Organic Chemistry II	3 credits
*CHM	2211L	Organic Chemistry II Lab.....	1 credit
*MAC	2311	Calculus I with Analytic Geometry	5 credits
*MAC	2312	Calculus II	4 credits
	or		
*STA	2023	Elementary Statistics I	3 credits
*PHY	2053	College Physics I.....	3 credits
*PHY	2053L	College Physics I Lab.....	1 credit
*PHY	2054	College Physics II.....	3 credits
*PHY	2054L	College Physics II Lab.....	1 credit

RECOMMENDED ELECTIVES:

Students should consult Educational Services for special requirements for the university and major of their choice.

PSYCHOLOGY - 11390

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

**REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA
UNIVERSITY SYSTEM PROGRAMS:**

*BSC	2010	General Biology I	3 credits
	or		
*BSC	1005	Life Science	3 credits
*PSY	2012	Introduction to Psychology.....	3 credits
*STA	2023	Elementary Statistics I	3 credits

RECOMMENDED ELECTIVES:

*ANT	2410	Introduction to Cultural Anthropology	3 credits
*ANT	2140	Intro to Biological Anthropology & Archaeology.....	3 credits
*BSC	2010L	General Biology I Lab	1 credit
*BSC	2011	General Biology II	3 credits

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

*BSC	2011L	General Biology II Lab	1 credit
CLP	2140	Abnormal Psychology	3 credits
*DEP	2004	Human Development	3 credits
*ECO	2013	Principles of Economics Macro	3 credits
MAT	1033	Intermediate Algebra.....	3 credits
*SYG	2010	Social Problems.....	3 credits

PUBLIC ADMINISTRATION - 11400

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

CGS	1060	College Computing	3 credits
*ECO	2013	Principles of Economics Macro	3 credits
*POS	1041	American Government	3 credits

RECOMMENDED ELECTIVES:

*ANT	2410	Introduction to Cultural Anthropology	3 credits
*ECO	2023	Principles of Economics Micro	3 credits
MAT	1033	Intermediate Algebra.....	3 credits
POS	2112	American State & Local Government.....	3 credits
REA	1933	Reading for Cultural Literacy	3 credits
*SPC	1608	Introduction to Speech Communication	3 credits

SOCIAL WORK - 11410

***GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)**

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA

UNIVERSITY SYSTEM PROGRAMS:

*BSC	1005	Life Science	3 credits
or			
*BSC	1084	Survey of the Human Body	4 credits
*ECO	2013	Principles of Economics Macro	3 credits
or			
*ECO	2023	Principles of Economics Micro	3 credits
*SYG	2000	Introduction to Sociology	3 credits
or			
*SYG	2010	Social Problems.....	3 credits
*POS	1041	American Government	3 credits
*PSY	2012	Introduction to Psychology.....	3 credits

RECOMMENDED ELECTIVES:

*ANT	2410	Introduction to Cultural Anthropology	3 credits
CGS	1060	College Computing	3 credits
or			
LIS	2005	Advanced Electronic Access to Information	3 credits
CLP	2140	Abnormal Psychology	3 credits
HUS	2500	Introduction to Ethics & Human Services.....	3 credits
MAT	1033	Intermediate Algebra.....	3 credits

***See pages 113 - 114.** Can be used to meet A. A. General Education requirements at IRSC.

*PHI	1103	Critical & Creative Thinking	3 credits
REA	1933	Reading for Cultural Literacy	3 credits
*SPC	1608	Introduction to Speech Communication	3 credits
*STA	2023	Elementary Statistics I	3 credits
SYG	1250	Multicultural Issues.....	3 credits

SOCIOLOGY - 11420

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

*SYG	2000	Introduction to Sociology	3 credits
*SYG	2010	Social Problems.....	3 credits

RECOMMENDED ELECTIVES:

*ANT	2410	Introduction to Cultural Anthropology	3 credits
LIS	2005	Advanced Electronic Access to Information	3 credits
MAT	1033	Intermediate Algebra.....	3 credits
*POS	1041	American Government	3 credits
*PSY	2012	Introduction to Psychology.....	3 credits
REA	1933	Reading for Cultural Literacy	3 credits
*SPC	1608	Introduction to Speech Communication	3 credits
SYG	1250	Multicultural Issues.....	3 credits

THEATRE/DRAMATIC ARTS - 11430

*GENERAL EDUCATION REQUIREMENTS AT IRSC (36 credit hours)

REQUIRED COURSES AVAILABLE AT IRSC NEEDED FOR TRANSFER TO FLORIDA UNIVERSITY SYSTEM PROGRAMS:

*THE	1000	Introduction to Theatre (Drama).....	3 credits
TPA	1200	Beginning Stagecraft	3 credits
TPA	2290	Technical Theatre	1 credit
*TPP	1110	Acting	3 credits
TPP	1190	Rehearsal & Performance Lab	1 - 3 credits

Students must take an additional 9 credits of THE, TPA, and TPP courses.

RECOMMENDED ELECTIVES:

*HUM	2512	Humanities: Fine Arts.....	3 credits
MAT	1033	Intermediate Algebra.....	3 credits
MUO	2020	Music Theatre.....	1 - 3 credits
*ORI	1001	Oral Interpretation	3 credits
THE	1024	Exploration of the Performance Profession.....	1 credit
TPA	1930	Directing Seminar.....	1 credit
TPP	2153	Televised Scene Workshop	1 credit
TPP	2192	Advanced Rehearsal & Performance Lab.....	1 - 3 credits

*See pages 113 - 114. Can be used to meet A. A. General Education requirements at IRSC.