Exercise Sport Science
Students will be able to:
Participate in regular physical activity for at least one semester.
Describe the value of physical activity to a healthful lifestyle.

The following general education core requirements apply to all associate degree programs.

GENERAL EDUCATION CORE REQUIREMENTS .....29 credits
English Communication Skills (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)

Mathematics (3 credits)
Any 100 level or above mathematics course (3).

Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101 (3)**

Social Sciences (3 credits)
SS 150 History of Micronesia (3)

Computer Applications (3 credits)
CA 100 Computer Literacy (3)

Exercise Sports Science (1 credit)
Exercise Sports Science Course (1)

Humanities (3 credits)
Any course in art, culture, music, history, literature, philosophy, or language (3)

DEGREE and THIRD—YEAR PROGRAMS

Except as noted, all degree and third-year programs are offered only at the National Campus.

ASSOCIATE OF SCIENCE DEGREE in GENERAL AGRICULTURE

This program prepares individuals for careers in agriculture or for further graduate study. The curriculum is structured to offer a well-rounded education in basic and applied sciences of agriculture. The program blends comprehensive classroom instruction with practical experience. The aim of the program is to graduate skilled agriculturists who can further develop and promote agriculture across the nation.

Program Learning Outcomes

Upon successful completion of this degree, students will be able to:
1. Explain how human choices influence the relationship between living things, their surroundings, and the quality of life.
2. Demonstrate an understanding of the principles of efficient livestock production and

management to include feeding practices, breeds, housing, marketing, diseases, and sanitation under tropical conditions.
3. Apply knowledge of farm records in preparation of financial net worth statement, receipts and expenses records, enterprise accounts, and farm budgeting.
4. Describe the role of the agriculture manager in an organization and in the operation of the agribusiness.
5. Demonstrate an understanding of the following processes and procedures: cultivating, harvesting, handling, storing, processing, and marketing of local crops.
6. Demonstrate an understanding of basic concepts on farm power and machinery, agricultural structures, concrete work, electrification, and greenhouse system construction.

Preparatory Courses (by placement)
General Education Core Requirements .....29 credits
English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (3 credits)
Any 100 level or above mathematics course (3)
Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101 (3)**
Social Sciences (3 credits)
SS 150 History of Micronesia (3)
Computer Applications (3 credits)
CA 100 Computer Literacy (3)
Exercise Sports Science (1 credit)
Exercise Sports Science course (1)
Humanities (3 credits)
Any course in art, music, history, literature, philosophy, or language (3)
Major Requirements 35 credits
Agriculture (21 credits)
AG 101 Introduction to Agriculture (3)
AG 110 Crop Production with lab (4)
AG 140 Principles of Animal Science with lab (4)
AG 252 Agricultural Extension (3)
AG 270 Principles of Agricultural Engineering (3)
AG 290 Agricultural Project Management (3)
AG 299 Directed Field Experience (1)
Natural Sciences (8 credits)
SC 250 General Botany with lab (4)
SC 255 General Zoology with lab (4)
Business (3 credits)
BU 101 Introduction to Business (3)
Economics (3 credits)
EC 220 Microeconomics (3)

GRADUATION REQUIREMENTS .....64 credits

GENERAL AGRICULTURE
Suggested Schedule

First Semester		***Second Semester***	
EN 110 Advanced Reading	3	EN 120b Expository Writing II	3
EN 120a Expository Writing I	3	AG 110 Crop Production	4

MS 100 Elementary Algebra 3
AG 101 Introduction to Agriculture.....3
Science w/lab 4
16

SC 250 General Botany 4
CA 100 Computer Literacy.....3
Exercise Sports Science course 1
15

Summer Session
Humanities Elective 3
SS 150 History of Micronesia 3
6

Third Semester
SC 255 General Zoology 4
AG 140 Principles of Animal Science 4
BU 101 Introduction to Business 3
AG 270 Agriculture Engineering 3
14

Fourth Semester
AG 252 Agricultural Extension.....3
AG 290 Ag. Project Management.....3
AG 299 Directed Field Experience.....1
EC 220 Microeconomics 3
Non-lab Science or Agriculture 3
13

BUSINESS ADMINISTRATION PROGRAMS

Development of the private sector is key to promoting national economic self-sufficiency/self-reliance, one of the goals of the College. The Business Administration Division offers programs and courses in an effort to address this goal. The associate of science degree program in business administration is designed to provide entry-level skills for those entering the business world, to upgrade skills for those already in businesses, and to provide a stepping stone for those wanting to pursue a higher degree in the field. In today's world, integration of information technology into an organization is indispensable, as we are learning in our island nation. To meet the challenge of keeping up with the world, the Division offers an associate of science degree in computer information systems. The program concentrates on organizational applications of technology and the development of systems and their management. Students receive a fundamental understanding of programming and networking computer systems, which prepare them for high-in-demand careers such as systems analysts, business analysts and database administrators. The Division also offers courses in accounting, business, economics, and computer applications that are required for other associate degree programs.

While employers are satisfied with graduates of the associate degree program in business administration, they also want people with higher level skills. As a result, the Division now offers third-year certificate of achievement programs in accounting and in general business. These programs are not only designed to offer higher level courses, but to also meet other general education requirements needed to better articulate the program with fourth-year programs elsewhere. To be admitted into the third-year programs, applicants are usually required to have an associate degree in business administration and a GPA of at least 2.5. Applicants who are admitted with an associate degree in a different major must complete business requirements for the associate degree program during their third-year certificate course of study. In most cases, such students might have to first complete those 100- and 200-level business courses as most of them are prerequisites for the 300-level third-year courses.

The third year program is articulated with the University of Guam, so students can transfer smoothly from COM-FSM into the fourth and final year at that university.

ASSOCIATE OF SCIENCE DEGREE
in
BUSINESS ADMINISTRATION

Program Learning Outcomes

Upon completion of the degree program, the student will be able to:
1. Demonstrate basic knowledge of each of the functional areas of business – *accounting, finance, marketing and management* – by defining the emphasis of each of the areas in an organization and describing their interrelationship in an organization's attempt to achieve its objectives.
2. Demonstrate an understanding of basic *accounting* procedures by performing all the activities of the accounting cycle: analysis of source documents; journalizing and posting of transaction, adjusting, closing and reversing entries; and preparation of trial balances and simple financial statements.
3. Evaluate the financial performance of a non-complex business firm by making an accurate analysis and interpretation of the firm's *financial statements*.
4. Demonstrate competency in *business mathematics* by accurately performing common business computations, including but not limited to such computations as for interest, depreciation, discounts, markups, present and future values, risk and return and stock transactions – and related statistical computations.
5. Demonstrate a basic understanding of the *legal environment* of business, both in general and in the FSM, by explaining how laws and other legal issues affect business in FSM and elsewhere.
6. Demonstrate a basic understanding of the *economic environment* of business by explaining the vital micro and macroeconomic variables that influence business decisions.
7. Apply various *computer applications*, including word processing, spreadsheet, database, presentation and other specialized applications to manipulate and analyze information and generate and present reports in the various functional areas of business.
8. Identify common *ethical challenges* that face business and determine realistic alternatives to deal with the challenges.
9. Demonstrate a basic understanding of *globalization* and its implication for business by explaining the opportunities and challenges created by globalization in all aspects of business operations.

Preparatory Courses (by placement)
General Education Core Requirements .....29 credits

English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)

Mathematics (3 credits)
Any 100 level or above mathematics course (3)

Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101 (3)**

Social Sciences (3 credits)
SS 150 History of Micronesia (3)

Computer Applications (3 credits)
CA 100 Computer Literacy (3)

Exercise Sports Science (1 credit)
Exercise Sports Science **course** (1)

Humanities (3 credits)
Any course in art, culture, music, history, literature, philosophy, or language (3)

Major Requirements.....39 credits

Accounting (9 credits)

AC 131 Accounting I (3)
AC 220 Accounting II (3)
AC 250 Managerial Accounting (3)
Business (15 credits)
BU 101 Introduction to Business (3)
BU 250 Principles of Finance (3)
BU 260 Fundamentals of Management (3)
BU 270 Principles of Marketing (3)
BU 271 Business Law (3)
Economics (6 credits)
EC 220 Microeconomics (3)
EC 230 Macroeconomics (3)
Communications (3 credits)
EN/BU 121 Business Communication (3)
Business Mathematics (3 credits)
BU/MS 110 Business Math (3)
Mathematics (3 credits)
MS 150 Introduction to Statistics (3)

GRADUATION REQUIREMENTS.....**68 credits**

BUSINESS ADMINISTRATION
Suggested Schedule

First Semester

EN 110 Advanced Reading	3
EN 120a Expository Writing I	3
BU 101 Introduction to Business	3
MS 100 College Algebra	3
CA 100 Computer Literacy	3
	15

Second Semester

EN 120b Expository Writing II	3
AC 131 Accounting I	3
Science w/Lab	4
BU/MS 110 Business Math	3
Humanities course	3
	16

Summer Session

SS 150 History of Micronesia	3
AC 220 Accounting II	3
	6

Third Semester

EC 220 Microeconomics	3
Non-lab science or agriculture	3
AC 250 Managerial Accounting	3
BU 260 Fundamentals of Management	3
BU 271 Business Law	3
Exercise Sports Science course	1
	16

Fourth Semester

BU 250 Principles of Finance	3
BU 270 Principles of Marketing	3
MS 150 Statistics	3
EN/BU 121 Business Communication	3
EC 230 Macroeconomics	3
	15

THIRD YEAR CERTIFICATE OF ACHIEVEMENT
in
ACCOUNTING OR GENERAL BUSINESS

Fulfillment of A.S. degree requirements (minimum cumulative GPA—2.50; minimum grade of **C** in business administration A.S. major courses).

Program Learning Outcomes

Upon completion of the 3rd Year Certificate program in Accounting, students will be able to:
1. Demonstrate an understanding of *intermediate accounting* principles by describing the

financial reporting environment and the conceptual framework of financial reporting; analyzing financial statements in detail; and accounting for cash and receivables, inventories, property plant and equipment, intangibles, and liabilities.
2. Demonstrate an understanding of *cost accounting* systems relevant to managerial decision-making, planning and control by solving problems involving various costing and budgeting methods; by applying financial, inventory and production management techniques in cost accounting; and by accurately measuring short and long-run organization performance.
3. Demonstrate competence in analyzing and recording various transactions for state and local governments, the federal *government*, colleges and universities, and other *nonprofit* organizations; in preparing and interpreting financial statements; and in explaining differences between private and public sector accounting.
4. Demonstrate an understanding of a wide range of *tax* concepts with special focus on the taxation of business entities in the United States and the Federated States of Micronesia and a minor emphasis on individual taxation in the two countries.
5. Demonstrate an understanding of *statistical methods* of sampling and estimating population statistics and competence in using computer software to calculate point estimates and confidence intervals and use statistical methods to test hypotheses, recognize trends and make forecasts to support decisions in the business/economics environment.
6. Apply knowledge acquired from accounting and other courses by solving real world accounting and general workplace problems in a participating organization in the COM-FSM *Internship* Program.

Program Learning Outcomes – 3rd Year General Business

Upon completion of the 3rd Year Certificate Program in General Business, students will be able to:
1. Demonstrate an understanding of basic concepts in organizational behavior, including things such as personality, individual differences, motivation, leadership, conflict, communication, group dynamics, power and politics, change, organizational structure, design and culture and cultural diversity by explaining how these concepts relate to performance and job satisfaction in the organization.
2. Demonstrate an understanding of the intricacies of marketing planning and overall marketing strategy; the sequential nature of marketing and the importance of monitoring mechanisms; and the scope of comprehensive marketing in light of current technological developments.
3. Demonstrate an understanding of the concepts underlying corporate financial decision-making – such as capital structure, capital budgeting, short-term asset management, dividend policy, financial analysis, corporate restructuring – and how these decisions affect other areas of the firm.
4. Demonstrate an understanding of the role of entrepreneurship and small business in the (FSM) economy and show competence in basic business planning and in identifying opportunities and challenges that entrepreneurs and small business owners/managers face – both in FSM and in general – in trying to achieve their business objectives.
5. Demonstrate basic knowledge of international business by discussing its importance and explaining its theoretical foundations. The student will also be expected to describe the international economic and financial environment; the role of government, culture, politics and laws in international business; and analyze issues in management, marketing, finance, human resources, accounting and taxation.
6. Demonstrate an understanding of economic development issues faced by least developed countries (LDCs) and options for development. Such issues will include, among others, foreign aid to LDCs, unemployment, urbanization and population growth, all with special emphasis on FSM.
7. Demonstrate an understanding of statistical methods of sampling and estimating population statistics and competence in using computer software to calculate point estimates and confidence intervals and use statistical methods to test hypotheses, recognize trends and make forecasts to support decisions in the business/economics environment.

General Educational Core Requirements .....9 credits
Quantitative and Logical Reasoning (9 credits)

Three (3) General Education courses chosen from the following areas: Quantitative and Logical Reasoning; World Cultures and History; and Humanities. Students may choose one course from each area ***or*** two courses from one area and one course from another area.
Quantitative and Logical Reasoning (3)
World Cultures and History (3)
Humanities (3)

Major Core Requirements .....21 credits
Accounting (21 credits)

AC 320 Intermediate Accounting I (3)
AC 321 Intermediate Accounting II (3)
AC 325 Cost Accounting (3)
AC 330 Taxation I (3)
AC 335 Governmental and Non-Profit Accounting (3)
AC 370 Accounting Internship (3)
BU/MS 310 Applied Statistics (3)

OR

General Business (21 credits)

BU/MS 310 Applied Statistics (3)
ECO 320 Economic Development (3)
FIN 312 Corporate Finance (3)
MGT 320 Organizational Behavior (3)
MGT 350 International Business (3)
MGT 360 Entrepreneurship and Small Business Management (3)
MKT 311 Marketing Strategy (3)

GRADUATION REQUIREMENT .....30 credits
Accounting (30 credits)
General Business (30 credits)

THIRD YEAR ACCOUNTING or GENERAL BUSINESS
Suggested Schedule

First Semester (FALL)

Accounting		*General Business*	
AC 320 Intermediate Accounting I	3	MGT 320 Organizational Behavior	3
AC 325 Cost Accounting	3	MGT 350 International Business	3
AC 335 Govt & Nonprofit Accounting	3	ECO 320 Economic Development	3
Q & L R/WC & H/Humanities course	3	Q & LR/WC & H/Humanities course	3
Q & L R/WC & H/Humanities course	3	Q & LR/WC & H/Humanities course	3
	15		15

Second Semester (SPRING)

Accounting		*General Business*	
AC 321 Intermediate Accounting II	3	FIN 312 Corporate Finance	3
AC 330 Taxation I	3	MKT 311 Marketing Strategy	3
AC 370 Accounting Internship	3	MGT 360 Entrepren/Small Bus. Magnt	3
BU/MS 310 Applied Statistics	3	BU/MS 310 Applied Statistics	3
Q & LR/WC & H/Humanities course	3	Q & LR/WC & H/Humanities course	3
	15		15

ASSOCIATE OF SCIENCE DEGREE
in
COMPUTER INFORMATION SYSTEMS

Program Learning Outcomes

Upon completion of the degree program, students will be able to:
1. Demonstrate an in-depth understanding of *computer information systems* by analyzing the role of CIS in an organization's attempt to achieve its objectives.
2. Apply various *computer applications*, including word processing, spreadsheet, database, presentation and other specialized applications to manipulate, sort and analyze information and generate and present reports in the various functional areas of business, including accounting, finance, marketing and management.
3. Demonstrate a basic understanding of a *Management Information System*s and its importance in an organization by describing what an MIS is, describing its components and explaining its role in an organization.
4. Demonstrate programming skills by *designing web pages* using HTML web authoring software and integrating a variety of web development tools such as Dreamweaver, Flash and Java script generators to boost web development productivity.
5. Demonstrate a basic understanding of *programming* basics and programming languages, such as Visual Basic, by describing features and benefits of prevalent programming languages; describing the general phases of software development, including planning, coding, compiling, linking, and debugging; and by writing a simple computer program.
6. Demonstrate a basic understanding of computer *networking* by explaining networking theory and established standards, the implementation of local-area and wide-area networks and networking protocols, and identifying emerging technologies that are expected to impact the future of networking. Students will be able to setup, maintain and troubleshoot a simple Local Area Network (LAN).
7. Identify common ethical challenges that face the information systems industry and determine realistic alternatives to dealing with the challenges.

Preparatory Courses (by placement)
General Education Core Requirements .....29 credits

English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (3 credits) depending on placement
Any 100 level or above mathematics course (3)
Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101 (3)**
Social Sciences (3 credits)
SS 150 History of Micronesia (3)
Computer Applications (3 credits)
CA 100 Computer Literacy (3)
Exercise Sports Science (1 credit)
Exercise Sports Science course (1)
Humanities (3 credits)
Any course in art, music, history, literature, philosophy, or language (3)

Major Requirements .....40 credits

Business (6 credits)
AC 131 Accounting I (3)
BU 101 Introduction to Business (3)

Communications (3 credits)
EN/BU 121 Business Communication (3)
Mathematics (6 credits)
MS 101 Algebra and Trigonometry (3)
MS 150 Statistics (3)
Information Systems (19 credits)
IS 201 Computer Information Systems (3)
IS 220 Computer Programming (3)
IS 230 Database Design (3)
IS 240 Webpage Design (3)
IS 260 Business Information Systems (3)
IS 280 Introduction to Networking-w/lab (4)
Electives: Any two of the following courses (6 credits)
CA 105 Data Analysis Using Spreadsheets (3)
MM 225 Multimedia Design (3)
IS/MM 245 Desktop Publishing (3)
MM 240 Computer Animation (3)
IS 270 Geographic Information Systems (3)

GRADUATION REQUIREMENTS .....69 credits

COMPUTER INFORMATION SYSTEMS
Suggested Schedule

First Semester
EN 110 Advanced Reading 3
EN 120a Expository Writing I 3
MS 100 College Algebra 3
CA 100 Computer Literacy 3
BU 101 Introduction to Business 3
15

Second Semester
EN 120b Expository Writing II.....3
AC 131 Accounting I.....3
IS 201 Computer Information Systems 3
Science w/Lab 4
Humanities 3
16

Summer Session
SS 150 History of Micronesia 3
Non-lab science or agriculture 3
6

Third Semester
IS 220 Computer Programming 3
IS 230 Database Design. 3
IS 240 Webpage Design 3
Exercise Sports Science Course 1
MS 101 Algebra and Trigonometry.....3
EN/BU 121 Business Communication 3
16

Fourth Semester
IS 260 Business Information Systems 3
IS 280 Introduction to Networking w/Lab 4
MS 150 Statistics 3
Elective 3
Elective 3
16

EDUCATION PROGRAMS

Originating as a teacher training institution, the COM-FSM through its education division continues the task of bettering education in Micronesia. Programs are carefully designed to equip students with the necessary knowledge and skills to meet the challenges of teaching effectively in a culturally relevant manner. At present the college offers two associate of arts degrees: Teacher Preparation-Elementary and Liberal Arts-Special Education. In addition, it also offers two third-year certificates of achievement: Teacher Preparation-Elementary and Teacher Preparation-Special Education. These programs provide student s with courses rich in content,

theoretical foundations and practical experiences (methodology). These programs are designed to address the needs of pre-service and in-service teachers who may want to pursue the baccalaureate degree at UOG.

The State Campuses at Chuuk, Kosrae and Yap offer an Associate of Science Degree in Teacher Education-Elementary. This degree differs from the Associate of Arts Degree offered at the National campus and is designed to be "state specific" with certain coursework that has its application in the state in which the degree is offered. The Associate of Science degree may or may not contain all prerequisite coursework required should a degree holder wish to enter and immediately begin the third year certificate program offered at the National Campus.

Beyond the associate degree and the third-year certificate in elementary education, COM-FSM offers an associate of science degree in early childhood education (ECE). The ECE Program operates in all FSM states and several states have pre-school programs on their own. The ECE associate degree is available to n-service students but concentrates on upgrading current pre-school teachers who previously received certificates of training in pre-service education. Also available is the third-year certification Related Services Assistance (RSA). The primary purpose of this program is to build local capacity for providing services to children with disabilities. The curriculum is based on a set of core values appropriate for Micronesian children and their families. Admission to this program and all third-year programs at COM-FSM require the student to have an associate degree and a cumulative grade point average of 2.5.

Furthermore, is should be understood that the programs mentioned here are now outcome-based. Emphasis is placed on what students must know, do and value. While all of these education programs will retain grades as one form of evaluation, a student will be required to demonstrate knowledge and delivery competency at every step of every program. Students can be expected to produce a portfolio that demonstrates competencies in all areas of the curriculum.

Education Program Learning Outcomes

Upon successful completion of the education associate program, student will be able to:
1. Demonstrate basic knowledge of the foundations and concepts related to elementary education.
2. Demonstrate familiarity with a variety of instructional strategies for elementary school students.
3. Demonstrate basic knowledge in the following areas: art, language, literature, science, math and social science.

ASSOCIATE OF ARTS
In
TEACHER PREPARATION
(Available at the COM-FSM National Campus only)

General Education Core Requirements .....29 credits

English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)

Mathematics (3 credits)
Any 100 level or above mathematics course (recommended: MS 100 College Algebra **or** MS 101 Algebra & Trigonometry **or** MS 150 Statistics (3)
Natural Sciences (7 credits)

A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101** (recommended: SC 101 Health Science **or** SC 112 Nutrition **or** ESS/SC 200 Fundamentals of Wellness and Physical Fitness) **(3)**

Social Sciences (3)
SS 150 History of Micronesia (3)

Computer Applications (3)
CA 100 Computer Literacy

Exercise Sports Science (1)
Choice of any ESS course (1)

Humanities (3)
Any course in art, music, history, culture, literature, philosophy, or language(recommended: MU 101) (3)

3. Major Requirements .....41 credits

AR 101 Intro to Art (3)
ED 210a Introduction to Professional Teaching (4)
ED 215 Introduction to Exceptional Children (3)
ED/PY 201 Human Growth and Development (3)
EN 200 series from EN 201 Intro. To Literature ,EN 205 Literature of the Sea, **or** EN/ED 233a Introduction to the General Nature and Use of Language (3)
EN 208 Introduction to Philosophy (3)
EN/CO 205 Speech Communication (3)
ED 292 Practicum: Observation and Participation (3)
MS/ED 210 Math for Teachers (3)
Science w/lab (4)
SS 120 Introduction to Geography (3)
SS 125 Geography of the Pacific **or** SS 170 World History I **or** SS 171 World History II (3)
SS/PY 101 General Psychology (3)

GRADUATION REQUIREMENTS .....70 credits

TEACHER PREPARATION
Suggested Schedule

First Semester

EN 110 Advanced Reading	3
EN 120a Expository Writing I	3
SS 150 Micronesia History	3
CA 100 Computer Literacy	3
ESS course	1
Humanities Elective	3
	16

Second Semester

EN 120b Expository Writing II	3
SS 120 Introduction to Geography	3
Science with Lab	4
EN/CO 205 Speech Communications	3
SS/PY 101 General Psychology	3
	16

Summer Session

ED/PY 201 Human Growth and Development	3
AR 101 Intro. To Art	3
	6

Third Semester

MS/ED 210a Math for Teachers	3
EN 208 Introduction to Philosophy	3
Humanities elective*	3
ED 210a Intro to Professional Teaching	4
Science without Lab	3
	16

Fourth Semester

Science w/lab	4
EN 200 Elective	3
ED 215 Intro. to Exceptional Children	3
SS 125 **or** SS 170 **or** SS 171	3
ED 292 Practicum	3
	16

THIRD-YEAR CERTIFICATE OF ACHIEVEMENT IN TEACHER PREPARATION—ELEMENTARY

Program Learning Outcomes

Students completing the Third-year Certificate of Achievement in Teacher Preparation-Elementary will be expected to demonstrate the following competencies:

1. Demonstrate and use knowledge of the FSM elementary school curriculum standards.
2. Apply a variety of teaching approaches to meet learning needs of FSM elementary school students.
3. Assess and evaluate learning of the elementary student at both the formative and summative levels.
4. Organize and manage an elementary classroom environment for learning.
5. Demonstrate and use background knowledge in the following areas: learning theories and principles, human development, language development, educational foundations, sociocultural issues and individual and group motivation.
6. Demonstrate professionalism.

Program/Major Requirements.....34 credits

ED/PY300 Educational Psychology (3)
ED 301a Language Arts Methods (4)
ED 301b Reading Methods (4)
ED 302 Social Studies Methods (3)
ED 303 Math Methods (4)
ED 304 Science Methods (4)
ED 305 Children's Literature and Drama (3)
ED 330 Classroom Management (3)
ED 338 Special Needs in the Classroom (3)
ED 392 Practicum & Seminar (3)

Note: Admissions into this program is the completion of the associate degree with a grade point average of 2.5 on a 4.0 scale. Students not holding associate degree in teacher preparation may be required to complete certain prerequisite courses at the100 and/or 200 level.

THIRD-YEAR TEACHER PREPARATION—ELEMENTARY
Suggested Schedule

Summer Session

ED 300 Educational Psychology.....3
ED 302 Social Studies Methods 3

6

First Semester		***Second Semester***	
ED301b Reading Methods 4		ED 301 Language Arts Methods 4	
ED 304 Science Methods.....4		ED 303 Math Methods.....4	
ED 305 Children's Literature & Drama.....3		ED 338 Special Needs in the Classroom 3	
ED 330 Classroom Management.....3		ED 392 Practicum 3	
	14		14

ASSOCIATE OF ARTS
IN LIBERAL ARTS-SPECIAL EDUCATION

Program Learning Outcomes:
In addition to meeting the program learning outcomes for the AA in Teacher Preparation, student completing the AA program in Liberal Arts-Special Education will be expected to demonstrate the following competencies:
1. Demonstrate and use background knowledge in the following areas:
handicapping conditions, including aberrations in normal growth and development;
special education legal requirements – IDEA; FSM and State laws; and
the Special Education process (including the IEP process)
2. Demonstrate familiarity with a variety of instructional strategies to meet needs of students with disabilities.
3. Implement remedial instructional strategies.

Preparatory Courses (by placement)

General Education Core Requirements .....29 credits

English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (8 credits)
Any 100 level or above mathematics course (recommended: MS 100 College Algebra **or** MS 101 Algebra & Trigonometry **or** MS 150 Statistics (3)
Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101** (recommended: SC 101 Health Science **or** SC 112 Nutrition **or** ESS/SC 200 Fundamentals of Wellness and Physical Fitness) **(3)**
Social Sciences (3)
SS 150 History of Micronesia (3)
Computer Applications (3)
CA 100 Computer Literacy
Exercise Sports Science (1)
Choice of any ESS course (1)
Humanities (3)
Any course in art, music, history, literature, philosophy, or language

Major Requirements.....41 credits

EN/CO 205 Speech Communications (3)
SS 120 Introduction to Geography (3)
SS 170 World History I **or** SS 171 World History II **or** SS 125 Geography of the Pacific (3)
Science with lab (4)
EN 208 Philosophy (3)
Any one from the following: EN 201 Introduction to Literature; EN 202 Narrative Fiction; EN 203 Drama; EN 204 Poetry; EN 205 Literature of the Sea; EN 206 Mythology; EN 207 Comparative Mythology; **or** EN/ED 233a General Nature and Use of Language (3)
SS/PY 101 General Psychology (3)
ED 210 Introduction to Professional Teaching (4)
ED 215 Introduction to Exceptional Children (3)
ED 220 Education of Exceptional Children (3)
SS/PY 201 Human Growth and Development (3)
MS/ED 210a Math for Teachers (3)
ED 292a Practicum: Observation and Participation (3)

GRADUATION REQUIREMENTS.....70 credits

ASSOCIATE OF ARTS
Special Education
Suggested Schedule

First Semester

EN 110 Advanced Reading	3
EN 120a Expository Writing I	3
SS 150 Micronesia History	3
CA 100 Computer Literacy	3
ESS course	1
MS 100 College Algebra	3
	16

Second Semester

EN 120b Expository Writing II	3
SS 120 Introduction to Geography	3
SC 120 or SC 130	4
EN/CO 205 Speech Communications	3
SS/PY 101 General Psychology	3
	16

Summer Session

ED/PY 201 Human Growth and Development	3
EN 200 Elective	3
	6

Third Semester

MS/ED 210a Math for Teachers	3
SS 170 or 171 or 125	3
AR 101 or MU 101	3
SC 101 or SC 112	3
ED 215 Intro to Exception Children	3
	16

Fourth Semester

MS/ED 210a Math for Teachers	3
ED 220 Educ. Of Exc. Children	3
SC 120 or 130	4
EN 208 Philosophy	3
ED 292aPracticum	3
	16

THIRD-YEAR CERTIFICATE OF ACHIEVEMENT
IN
TEACHER PREPARATION-Special Education

Program Learning Outcomes:
In addition to meeting the program learning outcomes of the Third-year Certificate of Achievement in Teacher Preparation-Elementary, students completing the proposed Third-year Certificate of Achievement in Teacher Preparation-Special Education will be expected to demonstrate the following competencies in the area of special education:
1. Demonstrate use of a variety of instructional strategies to meet needs of students with disabilities.
2. Demonstrate use of, and analyze the results of a variety of assessment instruments and strategies appropriate for use with students with special disabilities.
3. Demonstrate ability to implement the IEP process from screening to program implementation and evaluation.
4. Develop plans for involving parents and families in the implementation of programs for students with disabilities.
5. Develop curriculum, including appropriate modifications for students with disabilities, in the areas of reading, language arts, math, science, and social studies.

Third-Year Requirements.....36 credits

ED/PY 300 Education Psychology (3)
ED 330 Classroom Management (3)
ED 301a Language Arts Methods (4)
ED 301b Reading Methods (4)
ED 308 Math/Science Methods (5)
ED 314 Assessment Skills and Remediation (3)
ED 315 Methods of Teaching Exceptional Children (3)
ED 339 Curriculum Development for Elementary Teachers (3)
ED 310 Remediation – LD/BD (3)

ED 316 Family Involvement (3)
ED 392A Practicum (2)

THIRD-YEAR TEACHER PREPARATION-Special Education
Suggested Schedule

First Semester

ED 300 Education Psychology	3
ED 301b Reading Methods	4
ED 308 Math/Science Methods	5
ED 330 Classroom Management	3
	15

Second Semester

ED 310 Rem LD/BD	3
ED 301a Language Arts Methods	4
ED 314 Assessment	3
ED 315 Methods of Tch Except. Child.	3
ED 392A Practicum	2
	15

Summer Session

ED 316 Family Involvement	3
ED 339 Curriculum Development	3
	6

ASSOCIATE OF SCIENCE DEGREE
in
TEACHER EDUCATION-Elementary

(available at all State Campuses except Pohnpei)

Program Learning Outcomes

Upon completion of the degree program, students will be able to:
1. Demonstrate mastery of the content of the elementary school curriculum.
2. Develop basic elementary school curriculum.
3. Demonstrate delivery of elementary school curriculum.
4. Use (demonstrate) delivery of elementary school curriculum.
5. Assess and evaluate elementary school student learning at both the formative and summative levels.
6. Organize and manage a classroom environment for learning.
7. Demonstrate and use background knowledge in learning theories and principles.
8. Demonstrate and use background knowledge in human development.
9. Demonstrate and use background knowledge in technology.
10. Demonstrate and use background knowledge in educational foundation.
11. Demonstrate and use background knowledge in natural/physical science.
12. Demonstrate and use background knowledge in the demonstration of professionalism.

Preparatory Courses (by placement)

General Education Core Requirements .....29 credits

English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (3 credits)
Any 100 level or above mathematics course
Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101**

Social Sciences (3 credits)
SS 150 History of Micronesia (3)
Computer Applications (3 credits)
CA 100 Computer Literacy (3)
Exercise Sports Science (1)
Choice of any ESS course
Humanities (3 credits)
Any course in art, music, history, literature, philosophy, or language (3)

Major Requirements .....31-37 credits
Foundation (22 credits)
ED/PY 201 Human Growth and Development (3)
ED 210 Introduction to Teaching (4)
ED 211 Classroom Methods (3)
ED 292 Practicum (3)
ED/WS 200 Workshop (3)
Required Electives (6)
Education (9-15 credits)
Depending on State's need

GRADUATION REQUIREMENTS 60-66credits

ASSOCIATE OF SCIENCE DEGREE in EARLY CHILDHOOD EDUCATION

(also available at all State Campuses except Pohnpei Campus)

Program Learning Outcomes

Upon successful completion of the Early Childhood Education program, student will be able to:
1. Demonstrate mastery of the contents of the early childhood education and elementary education curriculum.
2. Demonstrate knowledge of learning theory through planning, teaching and interacting with preschool children.
3. Demonstrate basic knowledge of children's growth and development.
4. Demonstrate skills in delivery of early childhood school curriculum in the heritage language.
5. Use a variety of teaching strategies to meet the learning needs of the preschool children.
6. Demonstrate communication and interpersonal skills for facilitating the development of children and meeting challenges of working with children with special needs.
7. Demonstrate and use background knowledge in the following areas:
- learning theories and principles
- growth and development
- language development
- sociocultural issues
- motivation
- legal issues in education
- natural and physical science

8. Demonstrate professionalism

Preparatory Courses (by placement)

General Education Core Requirements .....29 credits
English (9 credits)
EN 110 Advanced Reading (3)

EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (3 credits**)** depending on placement
Any 100 level or above mathematics course (3)
Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101**
Social Sciences (3 credits)
SS 150 History of Micronesia (3)
Computer Applications (3 credits)
CA 100 Computer Literacy (3)
Exercise Sports Science (1)
Choice of any ESS course
Humanities (3 credits)
Any course in art, music, history, literature, philosophy, or language (3)

Major Requirements .....40 credits

Education (37 credits)
SS/PY 101 General Psychology (3)
ED/PY 201 Human Growth and Development (3)
ECE 100 Introduction to Early Childhood Education (3)
ECE 101 Curriculum for Early Childhood Education (3)
ECE 102 Working with Children with Special Needs (3)
ECE 110 The Child, Family, and Community (3)
ECE 111 Child Abuse and Neglect (3)
ECE 211 Language Development in Young Children (3)
ECE 212 Developing Math Skills in Young Children (3)
ECE 213 Infant and Toddler Care (3)
ECE 214 Nutrition, Health & Safety (3)
ECE 215 Internship in Early Childhood Education (4)
Humanities Elective (3 credits)
AR 101 Introduction to Art (3) **or**
MU 101Introduction to Music (3)

GRADUATION REQUIREMENTS.....69 credits

EARLY CHILDHOOD EDUCATION
Suggested Schedule

First Semester

EN 110 Advanced Reading	3
EN 120a Expository Writing I	3
MS 100 College Algebra	3
CA 100 Computer Literacy	3
SS/PY 101 General Psychology	3
Exercise Sport Science	1
	16

Second Semester

EN 120b Expository Writing II	3
ED/PY 201 Human Growth & Dev	3
ECE 100 Intro to Early Childhood Ed	3
ECE 101 Curriculum for Early Child Ed	3
Science w/lab	4
	16

Summer Session

SS 150 History of Micronesia	3
Humanities Elective	3
	6

Third Semester

ECE 102 Working w/Special Needs	3
ECE 110 The Child, Family & Comm	3
ECE 111 Child Abuse & Neglects	3
Non-lab Science or Agriculture	3
Humanities Electives	3
	15

Fourth Semester

ECE 211 Lang Dev in Young Children	3
ECE 212 Dev Math Skills in Young Child	3
ECE 213 Infant & Toddler Care	3
ECE 214 Nutrition, Health & Safety	3
ECE 215 Internship in Early Childhood	4
	16

THIRD—YEAR CERTIFICATE OF ACHIEVEMENT in RELATED SERVICES ASSISTANT

Program Learning Outcomes

Upon completion of the Related Services Assistant Program, students will be able to:
1. Work within a team of service providers to evaluate, plan, and implement appropriate related and educational services for children with disabilities in the areas of gross and fine motor, communication, social, self-help, feeding, and nutrition in school or at home.
2. Provide family-centered services.
3. Improve community awareness and skills related to disabilities through modeling, in-service and other training activities.
4. Support children with disabilities to be included in home, village, and community life.
5. Plan and facilitate the transition of children with disabilities as they move through different service systems and life changes related to age and health.
6. Develop and implement "low-tech" assistive technologies to enable children with disabilities to access educational, recreational, and vocational activities.

Program Requirements

Third-Year Requirements.....32 credits

ED 215 Introduction to Exceptional Children (3)
ED/PY 201 Human Growth and Development (3)
ED 316 Family Involvement (3)
ED/RS 302a Related Services Laboratory (3)
ED/RS 304 Intermediate Related Services (3)
ED/RS 306 Related Services Practicum I (3)
ED/RS 307 Related Services Skills and Applications (3)
ED/RS 311 Related Services Practicum II (3)
ED/RS 313 Related Services Practicum III (3)
CPR and First Aid Certification (2)
Electives (3)
Choose one from the following:
ECE 102 Working with Children with Special Needs (3)
ECE 110 The Child, Family, and Community (3)
ECE 211 Language Development in Young Children (3)
Other electives by consent of instructor.

RELATED SERVICES ASSISTANT Suggested Schedule

First Semester

ED/PY 201 Human Growth and Development	3
ED 215 Introduction to Exceptional Children	3
ED/RS 302a Introduction to Related Services	3
ED/RS 306 Related Services Practicum I	3
	12

Second Semester

ED/RS 304 Intermediate Related Services	3
ED/RS 311 Related Services Practicum II	3
ED 316 Family Involvement	3
CPR and First Aid Certification	2
	11

Third Semester
ED/RS 307 Related Services Skills and Applications 3
ED/RS 313 Related Services Practicum III 3
Elective 3
9

ASSOCIATE OF SCIENCE DEGREE in HOSPITALITY AND TOURISM MANAGEMENT

This program is designed to enable students to become productive workers, owners and managers in the growing fields of hospitality and tourism within the FSM and internationally. The program provides students with the basic skills needed to succeed as supervisors, managers or business owners in the food service, lodging, airline, travel provider and general tourism industries. Students will learn the importance of building a sustainable tourism economy in the Nation and abroad. They will have the opportunity to examine how the nation fits into the international travel system and the importance of providing top quality service as a foundation for developing a vibrant industry. Specific subject areas cover all aspects of the lodging, food service and travel industries.

Program Learning Outcomes

Upon successful completion of the degree, students will be able to:
1. Explain the interdependent components of the international hospitality and tourism industry including transportation, customer service, food service, lodging, attraction management, roles of national and state visitors authorities, marketing and sales.
2. Demonstrate professional lodging specific technical skills, supervisory techniques and management skills.
3. Explain the types and elements of food service operations.
4. Demonstrate front of the house technical and supervision techniques.
5. Describe tourism attraction support services and related business opportunities.
6. Describe the importance of developing the FSM as a sustainable tourism destination.
7. Communicate in basic Japanese for lodging, food service and tourism provider guest services.

Preparatory Courses (by placement)

General Education Core Requirements .....29 credits
English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (3 credits**)**
Any 100 level or above mathematics course
Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101**
Social Sciences (3 credits)
SS 150 History of Micronesia (3)
Computer Applications (3 credits)
CA 100 Computer Literacy (3)
Exercise Sports Science (1 credit)
Exercise Sports Science course (1)
Humanities (3 credits)
Any course in art, music, history, culture, literature, philosophy, or language (3)

Major Requirements .....36 credits
Hospitality and Tourism Management (24 credits)

HTM 110 Introduction to Hotel and Restaurant Management (3)
HTM 120 Introduction to World Tourism (3)
HTM 150 Hospitality Supervision (3)
HTM 165 Food Fundamentals and Quality Cooking (3)
HTM 170 Front Office Management (3)
HTM 220 Food and Beverage Management (3)
HTM 230 Hospitality Marketing (3)
HTM 250 Facilities Management and Practicum (3)
Accounting (3 credits)
AC 131 Accounting I (3)
Business (3 credits)
BU 101 Introduction to Business (3)
Humanities (6 credits)
FL 120 Basic Japanese for Hotel and Restaurant (3)
FL 160 Situational Japanese for Hotel and Restaurant (3)

Open Elective .....3 credits

GRADUATION REQUIREMENT .....68 credits

HOSPITALITY AND TOURISM MANAGEMENT
Suggested Schedule

First Semester

EN 110 Advanced Reading	3
EN 120a Expository Writing I	3
HTM 110 Introduction to HTM	3
MS 100 College Algebra	3
CA 100 Computer Literacy	3
Exercise Sports Science course	1
	16

Second Semester

EN 120b Expository Writing II	3
Science w/lab	4
BU 101 Introduction to Business	3
HTM 120 Intro. to World Tourism	3
FL 120 Basic Japanese for Hotel and Restaurant	3
	16

Summer Session

AC 131 Accounting I	3
SS 150 History of Micronesia	3
	6

Third Semester

HTM 150 Hospitality Supervision	3
FL 160 Situational Japanese for Hotel & Rest	3
HTM 165 Food Fund. & Quality Cook	3
Non-lab Science or Agriculture	3
Open Elective	3
	15

Fourth Semester

HTM 170 Front Office Management	3
Humanities Elective	3
HTM 220 Food & Beverage Management	3
HTM 230 Tourism Marketing	3
HTM 250 Facilities Mngmt. & Practicum	3
	15

ASSOCIATE OF ARTS DEGREE
in
LIBERAL ARTS

This program is designed for students who wish to take a multidisciplinary constellation of courses. Students who successfully complete this program are encouraged to transfer to a four-year college, university, or other institution.

Program Learning Outcomes

Upon successful completion of this degree program, students will be able to:
1. Enrich and deepen self-knowledge by exploring different academic experiences.

2. Articulate and understand their experiences through effective writing, reading, speaking, and various modes of artistic expression.
3. Demonstrate fundamental knowledge and basic skills appropriate to their personal and professional goals in their chosen area of specialization.

Preparatory Courses (by placement)

General Education Core Requirements .....29 credits

English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (3 credits**)**
Any 100 level or above mathematics course)
Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101**
Social Sciences (3 credits)
SS 150 History of Micronesia (3)
Computer Applications (3 credits)
CA 100 Computer Literacy (3)
Exercise Sports Science (1 credit)
Exercise Sports Science course (1)
Humanities (3 credits)
Any course in art, music, history, culture, literature, philosophy, or language (3)

Major Requirements.....24 credits

EN/CO 205 Speech Communication (3)
SC 101 Health Science (3)
SS 130 Introduction to Sociology (3)
SS/PY 101 General Psychology (3)
Specialty (6 credits)
Any two classes from one of the following groups
Natural Sciences **or** Social Sciences
English Elective (3 credits) Any 200-level English course or MM 101
Humanities Elective (3 credits) Any course in art, music, history, literature, philosophy, or language may be taken to meet the humanities elective requirement

Open Electives .....9 credits

GRADUATION REQUIREMENTS .....62 credits

LIBERAL ARTS
Suggested Schedule

First Semester		***Second Semester***	
EN 110 Advanced Reading	3	EN 120b Expository Writing II	3
EN 120a Expository Writing I	3	EN/CO 205 Speech Communication	3
CA 100 Computer Literacy	3	SS/PY 101 General Psychology	3
MS 100 College Algebra	3	Humanities Elective	3
SS 150 History of Micronesia	3	Science w/lab	4
	15		16
Third Semester		***Fourth Semester***	
SC 101 Health Science	3	Specialty	3
SS 130 Introduction to Sociology	3	Humanities Elective	3
Non-lab Science or Agriculture	3	Open Elective	3
English Elective	3	Open Elective	3
Specialty	3	Open Elective	3
Exercise Sports Science course	1		15
	16		

ASSOCIATE OF ARTS DEGREE
in
LIBERAL ARTS/HEALTH CAREERS OPPORTUNITY PROGRAM

This program aims to strengthen the opportunity for students who wish to pursue health-related professions. The program offers solid foundation of health-related courses necessary for succeeding at a four-year institution.

Program Learning Outcomes

Upon successful completion of the program, students will be able to:
1. Describe the structure, function, and basic pathologies of the human body.
2. Communicate health, nutrition, and premedical information in both written and oral formats.
3. Describe health care and allied professions.
4. Demonstrate a foundation in basic biology, chemistry, microbiology, anatomy, nutrition, health, and physiology.
4. Work effectively in groups to solve human life sciences and health problems.
5. Quantify and analyze human life sciences and health problems *using analytical, statistical, and computer methods.*
6. Acquire and synthesize human life science, health, and nutrition information *in a critical, scientific, and technologically advanced manner.*

Preparatory Courses (by placement)

General Education Core Requirements .....29 credits

English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (3 credits**)**
Any 100 level or above mathematics course
Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101**
Social Sciences (3 credits)
SS 150 History of Micronesia (3)
Computer Applications (3 credits)
CA 100 Computer Literacy (3)
Exercise Sports Science (1 credit)
Exercise Sports Science course (1)
Humanities (3 credits)
Any course in art, music, history, culture, literature, philosophy, or language (3)

Major Requirements.....34credits

SC 101 Health Science (3)
SC 122a Anatomy & Physiology I w/lab (4)
SC 122b Anatomy & Physiology II w/lab (4)
SC 180 Microbiology w/lab (4)
SC 230 Introduction to Chemistry w/lab (4)
SS/PY 101 General Psychology (3)
ED/PY 201 Human Growth and Development (3)
EN/CO 205 Speech Communication (3)
Math Elective (3)
Any 100 level or above mathematics (3)
Natural Sciences (3)
SC 112 Nutrition (3)

Open Elective .....3 credits

GRADUATION REQUIREMENTS .....66 credits

LIBERAL ARTS/HEALTH CAREERS OPPORTUNITY PROGRAM
Suggested Schedule

First Semester

EN 110 Advanced Reading	3
EN 120a Expository Writing I	3
MS 100 College Algebra	3
SC 120 Biology w/lab	4
Humanities Elective	3
	16

Second Semester

EN 120b Expository Writing II	3
SC 101 Health Science	3
Any 100 level mathematics	3
SS 150 History of Micronesia	3
SC 230 Chemistry	4
	16

Third Semester

CA 100 Computer Literacy	3
ESS	1
SC 122a Anatomy & Physio. I w/lab	4
Non lab science or AG 101	3
General Psychology	3
SC 112 Human Nutrition	3
	17

Fourth Semester

ED/PY 201 Human Growth & Dev.	3
SC 122b Anatomy & Physio. II w/lab	4
SC 180 Microbiology w/lab	4
EN/CO 205 Speech	3
Open Elective	3
	17

ASSOCIATE OF SCIENCE DEGREE
in
MARINE SCIENCE

The marine science program is designed to respond to a need expressed by the FSM leadership in the FSM States and National Economic Summits. It has been designed to take full advantage of the unique variety of marine environments available in the FSM, particularly Pohnpei. This program provides a solid foundation for students interested in pursuing a higher degree at a four-year institution.

Program Learning Outcomes

Upon completion of the COM-FSM Marine Sciences requirements, students will be able to demonstrate, in written and oral forms, a detailed knowledge regarding the function of the world's oceans and seas and the closely human induced interactions with the marine environment. This can be achieved by:

1. Express the fundamental notions of geological physical, chemical and biological oceanography and exploring these concepts to interpret the marine sciences.

2. Describe the major environments of the world's oceans (from the nearshore to offshore and from the shallow to the deep) and the interactions with the living forms that inhabit each respective ecosystem within this major water basin.

3. Link the interaction between humans and the world's oceans, weighing both resource utilization needs (which covers the fisheries and mariculture) and human induced degradation of the marine environment and its counter balance, the examination of the conservation and enhancement measures taken towards the marine environment.

Preparatory Courses (by placement)

General Education Core Requirements .....29 credits

English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (3 credits)
Any 100 level or above mathematics course
Natural Sciences (7 credits)
Any two of the following courses recommended, one of which must have a lab.
SC 110 Introduction to Ecology (3)
SC 111 Environmental Studies (3)
SC 180 Microbiology w/lab (4)
SC 201 Astronomy (3)
SC 202 Weather and Climate (3)
SC 210 Conservation Science (3)
SC 220 Introduction to Geology (3)
SC 245 Remote Sensing (3)
SC 250 General Botany w/lab (4)
SC 255 General Zoology w/lab (4)
SC/SS 115 Ethnobotany (3)
MR 252 Fishery Extension (3)
Social Sciences (3 credits)
SS 150 History of Micronesia (3)
Computer Applications (3 credits)
CA 100 Computer Literacy (3)
Exercise Sports Science (1 credit)
Exercise Sports Science course (1)
Humanities (3 credits)
Any course in art, music, history, culture, literature, philosophy, or language (3)

Major Requirements .....36 credits

Marine Science (23 credits)
MR 120 Marine Biology w/lab (4)
MR 201 Aquaculture w/lab (4)
MR 210 Marine Ecology (3)
MR 230 Ichthyology w/lab (4)
MR 240 Oceanography w/lab (4)
MR 250 Fishery Biology and Management (3)
MR 254 Marine Biology Field Studies (1)
Natural Sciences (4 credits)
SC 230 Introduction to Chemistry w/lab (4)
Mathematics (3 credits)
MS 150 Introduction to Statistics (3)
Social Sciences (3 credits)
SS 120 Introduction to Geography (3) **or**
Choose one of the following :
SS 101 Political Science
SS 125 Geography of the Pacific
SS 130 Introduction to Sociology
Open Elective (3 credits)

GRADUATION REQUIREMENTS .....65 credits

MARINE SCIENCE
Suggested Schedule

First Semester

EN 110 Advanced Reading	3
MR 120 Marine Biology w/lab	4
MS 100 College Algebra	3
SC 230 Intro. to Chemistry w/lab	4
Exercise Sports Science course	1
	15

Second Semester

EN 120a Expository Writing I	3
MR 240 Oceanography w/lab	4
MR 210 Marine Ecology	3
MR 254 Marine Biology Field Studies	1
CA 100 Computer Literacy	3
	14

Summer Session

Humanities Elective	3
SS 150 History of Micronesia	3
	6

Third Semester

EN 120b Expository Writing II	3
MR 230 Ichthyology w/lab	4
Marine/Natural Sciences w/lab	4
MS 150 Intro. to Statistics	3
	14

Fourth Semester

MR 250 Fishery Biology & Management	3
MR 201 Aquaculture w/lab	4
Non-lab Marine/Natural Science **or** Agriculture	3
Social Sciences.	3
Open Elective	3
	16

ASSOCIATE OF ARTS DEGREE
in
LIBERAL ARTS/MEDIA STUDIES

The media studies program consists of print, radio, photo and video journalism courses based on the need expressed by the FSM government. Students who complete the program should be able to conduct interviews/research, have a good command of all forms of news writing and presentation, determine news values, understand the practice of journalism within a Micronesian setting, perform news design and layout, and fit into any media organization setup or able to further his/her journalism education at other colleges or universities.

Program Learning Outcomes

Upon successful completion of this degree, students will be able to:
1. Recognize and appreciate the role of mass media in communication, in contemporary society, and in their personal lives.
2. Demonstrate an ability to practice journalism within a Micronesian setting.
3. Plan, produce, and design print, radio, photo, computer and video media projects.
4. Students in the Media Studies program must successfully complete a final practicum project as well as pass all required courses.

Preparatory Course (by placement)

General Education Core Requirements ..... 29 credits

English Communication Skills (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (3 credits)
Any 100 level or above mathematics course

Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101**
Social Sciences (3 credits)
SS 150 History of Micronesia (3)
Computer Applications (3 credits)
CA 100 Computer Literacy (3)
Exercise Sports Science (1 credit)
Exercise Sports Science course (1)
Humanities (3 credits)
Any course in art, music, history, culture, literature, philosophy, or language (3)

Major Requirements .....33 credits

Media Studies (18 credits)
MM 101 Introduction to Journalism (3)
MM 110 Introduction to Photography and Video (3)
MM 205 Introduction to Media Studies (3)
MM 220 Advanced Video (3)
MM 225 Multimedia Design (3)
MM 246 Media Studies Practicum (3)
Social Sciences (6 credits)
SS 101 Political Science (3)
SS 120 Introduction to Geography (3)
Communication (3 credits)
EN/CO 207 Introduction to Broadcasting (3)
Degree Electives (6 credits)
Choose two of the following:
IS/MM 245 Desktop Publishing (3)
MM 120 Film Studies (3)
MM 240 Computer Animation (3)
SS 125 Geography of the Pacific (3)
SS 195 Micronesian Cultural Studies (3)
SS 205 Micronesian Government and Politics (3)
SS 212 Economy of Micronesia (3)

GRADUATION REQUIREMENTS.....62 credits

MEDIA STUDIES
Suggested Schedule

First Semester

EN 110 Advanced Reading	3
EN 120a Expository Writing I	3
MS 100 College Algebra	3
CA 100 Computer Literacy	3
MM 101 Introduction to Journalism	3
	15

Second Semester

EN 120b Expository Writing II	3
SS 150 History of Micronesia	3
MM 110 Introduction to Photography & Video	3
SS 120 Introduction to Geography	3
Science w/lab	4
	16

Summer Session

Humanities Elective	3
Elective	3
	6

Third Semester

Exercise Sports Science course	1
MM 205 Intro. to Media Studies	3
MM 220 Advanced Video	3
EN/CO 207 Intro to Broadcasting	3
Non-lab Science or Agriculture	3
	13

Fourth Semester

MM 246 Media Practicum	3
MM 225 Multimedia Design	3
SS 101 Introduction to Political Science	3
Elective	3
	12

ASSOCIATE OF ARTS DEGREE IN MICRONESIAN STUDIES

This program is designed to give students an in-depth knowledge and understanding of Micronesian history, society, government & politics, economy and culture. The A.A. degree prepares students to work in national or state government and politics, to be an elementary or high school social studies teacher, and in general to be more informed citizens of their state and nation. The program also has proven transferability to a wide range of majors at four-year colleges in the Pacific and the U.S. mainland.

Program Learning Outcomes

Upon successful completion of this degree, students will be able to:
1. Demonstrate the ability to read, speak and write effectively in English about Micronesian Studies Program course content.
2. Demonstrate the ability to think critically about Micronesian Studies Program course content.
3. Demonstrate basic geographical literacy of the Micronesian region.
4. Demonstrate basic historical literacy of the Micronesian region.
5. Demonstrate basic cultural literacy of the Micronesian region.
6. Demonstrate a practical knowledge of the structure and function of government in the Federated States of Micronesia.
7. Demonstrate a practical knowledge of the main social, political and economic issues facing the Federated States of Micronesia.
8. Demonstrate the ability to perform research using both written and electronic materials.
9. Demonstrate the ability to write research papers.
10. Demonstrate an appreciation of the requirements of good citizenship in the Federated States of Micronesia.

Preparatory Courses (by placement)

General Education Core Requirements .....29 credits

English (9 credits)
EN 110 Advanced Reading (3)
EN 120a Expository Writing I (3)
EN 120b Expository Writing II (3)
Mathematics (3 credits)
Any 100 level or above mathematics course
Natural Sciences (7 credits)
A science course with Laboratory **or AG 110 or AG 140 (4)**
A non-lab science or **AG 101**
Social Sciences (3 credits)
SS 150 History of Micronesia (3)
Computer Applications (3 credits)
CA 100 Computer Literacy (3)
Exercise Sports Science (1 credit)
Exercise Sports Science course (1)
Humanities (3 credits)
Any course in art, music, history, culture, literature, philosophy, or language (3)

Major Requirements .....27 credits

SS 101 Introduction to Political Science (3)
SS 120 Introduction to Geography (3)
SS 125 Pacific Geography (3)
SS 195 Micronesian Cultural Studies (3)
SS 200 Research Methods (3)

SS 205 Micronesian Government and Politics (3)
SS 212 Economy of Micronesia (3)
SS 220 Contemporary Issues in Micronesia (3)
SS 280 Directed Study: Selected Topics (3)

Open Electives.....6 credits

GRADUATION REQUIREMENTS .....62 redits

MICRONESIAN STUDIES
Suggested Schedule

First Semester		*Second Semester*	
EN 110 Advanced Reading	3	EN 120b Expository Writing II	3
EN 120a Expository Writing I	3	SS 101 Introduction to Political Science	3
MS 100 College Algebra	3	SS 120 Introduction to Geography	3
SS 150 History of Micronesia	3	Humanities Elective	3
CA 100 Computer Literacy	3	Science w/lab	4
	15		16

Summer Session

SS 125 Geography of the Pacific Islands	3
Exercise Sports Science course	1
	4

Third Semester		*Fourth Semester*	
Non-lab Science or Agriculture	3	Open Elective	3
Open Elective	3	SS 212 Economy of Micronesia	3
SS 200 Research Methods	3	SS 220 Contemporary Issues in Micronesia	3
SS 205 Micro Government & Politics	3	SS 280 Directed Study: Selected Topics	3
SS 195 Micronesian Cultural Studies	3		12
	15		

CERTIFICATE PROGRAMS

Except as noted, the following programs are offered at the State Campuses

CERTIFICATE OF ACHIEVEMENT
in
AGRICULTURE AND FOOD TECHNOLOGY

With the increasing complexity of technology and the competitiveness of the export market, trained agriculture technicians are in demand. The program aims to prepare individuals to enter the agriculture profession in the public or private sector in their state or to continue on to a degree program at the National Campus.

Knowledge of agricultural production processes and good communication and management skills will enable students, extension agents, and farmers to work in all phases of food production.

Program Learning Outcomes

Upon successful completion of this certificate, students will be able to:
1. Demonstrate an overall knowledge of the crop production process.
2. Practice good agricultural management and marketing skills.
3. Identify and demonstrate the fundamentals of food processing, preparation techniques, the