

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 AGRICULTURE AND NATURAL RESOURCE MANAGEMENT (also available in Kosrae)

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. Acquire fundamental concepts and principles of land resources focusing towards development and production in a sustainable manner appropriate to Micronesia.
2. Demonstrate basic competencies in the management of land resources and food production.
3. Acquire basic skills, knowledge and attitude to manage a sustainable food production enterprise or qualify for entry-level employment in a land resource management related agency.
4. Acquire a sound scientific background that will allow transfer to a higher degree program related to land resources and food systems.

Preparatory Courses (by placement)

General Education Core Requirements29 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 101, AG 110 or AG 140 (4); A non-lab science (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 Requirements36-37 credits

Agriculture (19 credits)

AG 101 Introduction to Agriculture (4); AG 110 Crop Production (4); AG 140 Principles of Animal Science (4); AG 290 Agricultural Project Management (3); AG 299 Directed Field Experience (4)

Natural Sciences (11 credits)

SC 230 Introduction to Chemistry (4); SC 250 General Botany with lab (4); SC/SS 115 Ethnobotany (3)

Math (3 credits)

MS 150 Statistics (3)

Degree Electives (3-4 credits)

BU 101 Intro to Business or EC 220 Microeconomics (3); MM 225 Multimedia Design (3); AG 280 Food Processing (3); AG 291 Selected Topics in Land Resources and Food Systems (1-2); MR 120 Marine Science; MR 201 Aquaculture (4); IS 270 Geographic Information Systems*

*Pre-requisite is IS 201

GRADUATION REQUIREMENTS65-66 credits

**AGRICULTURE AND NATURAL RESOURCE MANAGEMENT
Suggested Schedule**

First Semester

| | |
|---|-----------|
| MS 100 College Algebra | 3 |
| SC 120 Biology | 4 |
| EN 120a Expos. Writing I | 3 |
| AG 101 Introduction to Agriculture..... | 4 |
| CA 100 Computer Lit | 3 |
| | <u>17</u> |

Second Semester

| | |
|---------------------------------|-----------|
| EN 110 Adv. Reading..... | 3 |
| AG 110 Crop Production | 4 |
| SC 250 General Botany | 4 |
| EN 120b Expos. Writing II | 3 |
| Exercise Sports Science | 1 |
| | <u>15</u> |

Summer Session

| | |
|-----------------------------------|----------|
| SS 150 History of Micronesia..... | 3 |
| Electives | 3 |
| | <u>6</u> |

Third Semester

| | |
|---|-----------|
| AG 140 Principles of Animal Science | 4 |
| SC 230 Introduction to Chemistry | 4 |
| MS 150 Statistics | 4 |
| SC non lab | 3 |
| | <u>15</u> |

Fourth Semester

| | |
|------------------------------------|-----------|
| AG 290 Ag. Project Management..... | 3 |
| Humanities | 3 |
| AG 299 Ag. Field Studies..... | 4 |
| SC/SS 115 Ethnobotany | 3 |
| | <u>13</u> |

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, management, marketing, economics, and finance – by emphasizing their importance in an organization and describing their interrelationship in the organization's attempt to achieve its objectives.
2. Demonstrate basic knowledge and skill in the use of cost and managerial accounting concepts and techniques as management tools for planning, controlling, evaluating performance and making decisions.
3. Demonstrate basic knowledge and skill in business mathematics and elementary statistics by accurately performing common business computations, statistical data presentation and analysis.
4. Demonstrate basic knowledge and skill in intercultural writing and speaking appropriate for business.
5. Demonstrate a basic understanding of the legal environment and ethical challenges confronting business in general and in the FSM, from both local and global perspectives.

Preparatory Courses (by placement)

General Education Core Requirements29 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 101, AG 110 or AG 140 (4); A non-lab science (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.....41 credits

Business (7 credits)

AC 131 Accounting I (4); BU 101 Introduction to Business (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 REQUIREMENTS70 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 | 4 |
| Science w/Lab | 4 |
| BU/MS 110 Business Math..... | 3 |
| Humanities course | 3 |
| 17 | |

Summer Session

| | |
|------------------------------------|---|
| SS 150 History of Micronesia | 3 |
| AC 220 Accounting II | 4 |
| 7 | |

Third Semester

| | |
|---|---|
| EC 220 Microeconomics | 3 |
| Non-lab science or agriculture | 3 |
| AC 250 Managerial Accounting | 3 |
| BU 260 Fundamentals of Management | 3 |
| MS 150 Statistics..... | 3 |
| Exercise Sports Science course | 1 |
| 16 | |

Fourth Semester

| | |
|--|---|
| BU 250 Principles of Finance | 3 |
| BU 270 Principles of Marketing | 3 |
| BU 271 Business Law | 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 knowledge of intermediate accounting by describing the environment and the conceptual framework of financial reporting; properly preparing and analyzing various financial statements; and show familiarity with the generally accepted accounting principles on cash and receivables, inventories, property, plant and equipment, intangibles, liabilities, stockholders' equity, and other special topics in accounting for private business.
2. Express familiarity with 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.
3. Exhibit competence in analyzing and recording transactions for state, local and the federal governments; colleges and universities and other nonprofit organizations; in preparing and interpreting financial statements; and in explaining differences in private and public sector accounting.
4. Apply knowledge and skills 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.
5. Show an appreciation 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.

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 Requirements9 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 Requirements21 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 REQUIREMENT30 credits

Accounting (30 credits)

General Business (30 credits)

**THIRD YEAR ACCOUNTING or GENERAL BUSINESS
Suggested Schedule**

First Semester (FALL)

Accounting

| | |
|--|-----------|
| AC 320 Intermediate Accounting I..... | 3 |
| AC 325 Cost Accounting | 3 |
| AC 335 Govt & Nonprofit Accounting | 3 |
| Q & LR/WC & H/Humanities course | 3 |
| Q & LR/WC & H/Humanities course..... | 3 |
| | <u>15</u> |

General Business

| | |
|---------------------------------------|-----------|
| MGT 320 Organizational Behavior | 3 |
| MGT 350 International Business..... | 3 |
| ECO 320 Economic Development | 3 |
| Q & LR/WC & H/Humanities course | 3 |
| Q & LR/WC & H/Humanities course..... | 3 |
| | <u>15</u> |

Second Semester (SPRING)

Accounting

| | |
|---|-----------|
| AC 321 Intermediate Accounting II | 3 |
| AC 330 Taxation I | 3 |
| AC 370 Accounting Internship | 3 |
| BU/MS 310 Applied Statistics | 3 |
| Q & LR/WC & H/Humanities course..... | 3 |
| | <u>15</u> |

General Business

| | |
|--|-----------|
| FIN 312 Corporate Finance | 3 |
| MKT 311 Marketing Strategy | 3 |
| MGT 360 Entrepren/Small Bus. Magnt | 3 |
| BU/MS 310 Applied Statistics | 3 |
| Q & LR/WC & H/Humanities course..... | 3 |
| | <u>15</u> |

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 technical concepts and ethical issues pertaining to information systems.
2. Demonstrate theoretical knowledge and practical skills in the management and strategic use of information systems and technology.
3. Demonstrate proficiency in the use of different software applications significant to manipulating and analyzing information as well as generating and presenting reports in the various functional areas of business.
4. Demonstrate solid foundation skills in database design and management, web engineering, programming, and networking.
5. Demonstrate the ability to adapt to latest technologies using their foundation knowledge and skills from CIS.

Preparatory Courses (by placement)

General Education Core Requirements29 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 101, AG 110 or AG 140 (4); A non-lab science or (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 Requirements41 credits

Business (7 credits)

AC 131 Accounting I (4); 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 REQUIREMENTS70 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 |
| <u>15</u> | |

Second Semester

| | |
|---|---|
| EN 120b Expository Writing II..... | 3 |
| AC 131 Accounting I..... | 4 |
| IS 201 Computer Information Systems | 3 |
| Science w/Lab | 4 |
| Humanities | 3 |
| <u>17</u> | |

Summer Session

| | |
|--------------------------------------|---|
| SS 150 History of Micronesia | 3 |
| Non-lab science or agriculture | 3 |
| <u>6</u> | |

Third Semester

| | |
|--|---|
| IS 220 Computer Programming | 3 |
| IS 230 Database Design. | 3 |
| IS 240 Webpage Design | 3 |
| Exercise Sports Science | 1 |
| MS 101 Algebra and Trigonometry..... | 3 |
| EN/BU 121 Business Communication | 3 |
| <u>16</u> | |

Fourth Semester

| | |
|---|---|
| IS 260 Business Information Systems | 3 |
| IS 280 Introduction to Networking w/Lab | 4 |
| MS 150 Statistics | 3 |
| Elective | 3 |
| Elective | 3 |
| <u>16</u> | |

EDUCATION PROGRAMS

Originating as a teacher training institution, 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 an Associate of Arts in Pre-Teacher Preparation-Elementary. In addition, it also offers a Third-year Certificate of Achievement in Teacher Preparation-Elementary. These programs provide students with courses rich in content, theoretical foundations and practical experiences (methodology) which are designed to address the needs of pre-service and in-service teachers who may want to pursue the baccalaureate degree at UOG.

Through a collaborative effort, UOG offers the Partnership BA in Elementary Education at the national campus making it possible for students to earn a bachelor's degree from UOG without leaving the FSM. Students who are interested in this program should be aware that the associate degree and the third-year in teacher preparation-elementary have been articulated to meet the requirements of the bachelor's degree.

Admission to the Third-year Certificate of Achievement in Teacher Preparation - Elementary requires a student to have an associate degree in education and a 2.75 cumulative grade point average. Applicants are also required to pass an entrance essay before being admitted to the program.

ASSOCIATE OF ARTS In PRE-TEACHER PREPARATION

Program Learning Outcomes:

Student completing the AA degree program in Teacher Preparation-Elementary will be expected to demonstrate the following competencies:

1. Demonstrate basic knowledge of the foundations and concepts related to elementary education.
2. Demonstrate familiarity with a variety of instruction strategies for elementary school students.
3. Demonstrate basic knowledge in the following areas: art, communication, humanities, language, literature, science, and social sciences.

Preparatory Courses (by placement)

General Education Core Requirements29 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)

Natural Sciences (7 credits)

A science course with Laboratory (4); Science without lab (recommended: SC 101 Health Science or SC 112 Nutrition or ESS/SC 200 Fundamentals of Wellness and Physical Fitness) (3)

Social Sciences (3 credits)

SS 150 History of Micronesia (3)

Computer Applications (3)

CA 100 Computer Literacy (3)

Physical Education (1 credit)

Any choice of any ESS offering (1)

Humanities (3 credits)

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

Major Requirements40 credits

AR 101 Intro to Art (3); ED 210 Intro to Professional Teaching (3); ED 215 Intro to Exceptional Children (3); ED/PY 201 Human Growth and Development (3); EN 200 series (EN 201 Introduction to Literature (3) and EN 205 Literature of the Sea (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 with laboratory (4); SS 120 Introduction to Geography (3)
 SS 125 Pacific Geography or SS 170 World History I or SS 171 World History II (3); SS/PY 101 General Psychology (3)

GRADUATION REQUIREMENT70 credits

**PRE-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 |
| MS 100 or MS 101 or MS 150..... | 3 |
| | <u>16</u> |

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 |
| | <u>16</u> |

Summer Session

| | |
|---|----------|
| ED/PY 201 Human Growth and Development .. | 3 |
| AR 101 Intro. To Art | 3 |
| | <u>6</u> |

Third Semester

| | |
|--|-----------|
| MS/ED 210a Math for Teachers | 3 |
| EN 208 Introduction to Philosophy | 3 |
| Humanities elective* | 3 |
| ED 210a Intro to Professional Teaching | 3 |
| Science without Lab | 3 |
| | <u>15</u> |

Fourth Semester

| | |
|---|-----------|
| Science w/lab..... | 4 |
| EN 200 Elective | 3 |
| ED 215 Intro. to Exceptional Children | 3 |
| SS 125 or SS 170 or SS171..... | 3 |
| ED 292 Practicum | 3 |
| | <u>16</u> |

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 comprehension and application 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 comprehension and application of learning theories and principles, human development, language development, educational foundations, socio cultural issues, technology and strategies for teaching students with special needs.
6. Demonstrate professionalism.

Third-Year Requirements34 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)

Admission Application Deadlines: Applications for admission to the third-year certificate program, along with entrance essays, must be submitted at least two weeks (10 working days) prior to the start date of an early registration period.

Full Admission: A student will be admitted with full status if he/she

1. Possesses an associate degree in education
2. Has earned a CumGPA of 2.75 or above
3. Has a score of at least 20 on the entrance essay with no individual score below a three (3)

Note: Entrance essay is scored based on the COMET Rubric.

Probationary Status: A student with the associate degree may be admitted on probation if he/she

1. Has a minimum CumGPA of 2.5 and
2. Has a minimum score of 15 on the entrance essay with no individual score below a three (3)

A student is required to take EN 220 Writing for Teachers if he/she has a score of 15-19 on the entrance essay or individual score of three (3) in Syntax and/or Vocabulary.

Pre-requisite Courses: Students who enter the program without having completed ED 210a, ED 215, and ED/PY 201 need to complete these courses with a grade of ‘C’ or better during the first semester in the program.

Removal from Probationary Status:

The student may be removed from Probationary Status after the first semester of the third-year program if the student

1. Successfully passed the education English writing course, and
2. Earned a semester GPA of 3.0 or above with a minimum of 15 credits.

The student may be removed from Probationary Status after the first semester of the third-year program if the student

1. Successfully passes EN220 Writing for Teachers and
2. Earns a semester GPA of at least 2.75 (with no grade lower than a C) with a minimum of 15 credit hours.

Should a student begin the program in the summer when 15 credit hours are impossible to attain, the same stipulation as above applies for the summer and fall semester combined (or the first two semesters in any combination) even if the course load in the respective semesters exceeds 15 credit hours.

A three member subcommittee will represent the Division to review third-year applications along with the representatives from Admissions Board and RAR.

**THIRD-YEAR TEACHER PREPARATION—ELEMENTARY
Suggested Schedule**

| | |
|---------------------------------------|---|
| Summer Session | |
| ED 301a Language Arts Methods..... | 4 |
| ED 303 Math Methods | 4 |
| | 8 |
| First Semester | Second Semester |
| ED301b Reading Methods | ED 304 Science Methods |
| ED 302 Social Studies Methods..... | ED 305 Child. Lit. & Drama..... |
| ED/PY 300 Educational Psychology..... | ED 338 Special Needs in the Classroom |
| ED 330 Classroom Management..... | ED 392 Practicum & Seminar |
| 13 | 13 |

**Partnership BACHELOR OF ARTS
in
Elementary Education**

After receiving this third-year certificate of achievement in teacher preparation-elementary, students may apply for the Partnership BA in Elementary Education program to take the following UOG courses.

| | |
|--|---|
| ED 351 Fine Arts Methods | ED 482 Working with Second Language Learners |
| ED 363 Physical Education and Health Methods | ED 486 Building Effective Strategies for Teaching |
| ED 334 Solving Disciplinary Problems | ED 489 Evaluation |
| ED 451 Audio Visual Methods | ED 492/498 Student Teaching/Internship |
| ED 473 Developing Cognitive Abilities | |

**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 Requirements29 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 101, AG 110 or AG 140 (4); A non-lab science (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 Requirements37 credits

Hospitality and Tourism Management (24 credits)

HTM 110 Introduction to Hospitality and Tourism 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 (4)

Business (3 credits)

BU 101 Introduction to Business (3)

Humanities (6 credits)

FL 120 Basic Japanese for Hospitality and Tourism (3); FL 160 Situational Japanese for Hospitality and Tourism (3)

Open Elective3 credits

GRADUATION REQUIREMENT69 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 |
| | <u>16</u> |

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 Hospitality and Tourism .. | <u>3</u> |
| | 16 |

Summer Session

| | |
|------------------------------------|----------|
| AC 131 Accounting I | 4 |
| SS 150 History of Micronesia | 3 |
| | <u>7</u> |

Third Semester

| | |
|---|----------|
| HTM 150 Hospitality Supervision..... | 3 |
| FL 160 Situational Japanese for Hosp. & Tour..... | 3 |
| HTM 165 Food Fund. & Quality Cook..... | 3 |
| Non-lab Science or Agriculture | 3 |
| Open Elective | <u>3</u> |
| | 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 Mgt. & Practicum..... | <u>3</u> |
| | 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 Requirements29 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 101, AG 110 or AG 140 (4); A non-lab science (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.....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 Electives9 credits

GRADUATION REQUIREMENTS62 credits

**ASSOCIATE OF ARTS DEGREE in LIBERAL ARTS
Suggested Schedule**

First Semester

| | |
|------------------------------------|---|
| EN 110 Advanced Reading | 3 |
| EN 120a Expository Writing I..... | 3 |
| CA 100 Computer Literacy | 3 |
| MS 100 College Algebra | 3 |
| SS 150 History of Micronesia | 3 |
| 15 | |

Second Semester

| | |
|--------------------------------------|---|
| 120b Expository Writing II..... | 3 |
| EN/CO 205 Speech Communication | 3 |
| SS/PY 101 General Psychology | 3 |
| Humanities Elective | 3 |
| Science w/lab | 4 |
| 16 | |

Third Semester

| | |
|--|---|
| SC 101 Health Science | 3 |
| SS 130 Introduction to Sociology | 3 |
| Non-lab Science or Agriculture | 3 |
| English Elective | 3 |
| Specialty | 3 |
| Exercise Sports Science course | 1 |
| 16 | |

Fourth Semester

| | |
|--------------------------|---|
| Specialty | 3 |
| Humanities Elective..... | 3 |
| Open Elective | 3 |
| Open Elective | 3 |
| Open Elective | 3 |
| 15 | |

**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. Demonstrate a solid foundation in basic biological sciences.
3. Describe health care and allied professions and gain experience working effectively in groups and with health professionals to address human life sciences and health problems.
4. Discuss, analyze and interpret fundamental and current issues relevant to human life sciences and health problems and communicate information in a critical, scientific and technologically advanced manner.

Preparatory Courses (by placement)

General Education Core Requirements29 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 101, AG 110 or AG 140 (4); A non-lab science (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.....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 Elective3 credits

GRADUATION REQUIREMENTS66 credits

**LIBERAL ARTS/HEALTH CAREERS OPPORTUNITY PROGRAM
Suggested Schedule**

First Semester

EN 110 Advanced Reading3
 EN 120a Expository Writing I.....3
 MS 100 College Algebra3
 SC 120 Biology w/lab4
 Humanities Elective3
 16

Second Semester

EN 120b Expository Writing II.....3
 SC 101 Health Science3
 Any 100 level mathematics3
 SS 150 History of Micronesia3
 SC 230 Chemistry4
 16

Third Semester

CA 100 Computer Literacy3
 ESS1
 SC 122a Anatomy & Physio. I w/lab4
 Non lab science or AG 1013
 General Psychology.....3
 SC 112 Human Nutrition3
 17

Fourth Semester

ED/PY 201 Human Growth & Dev.3
 SC 122b Anatomy & Physio. II w/lab4
 SC 180 Microbiology w/lab4
 EN/CO 205 Speech.....3
 Open Elective3
 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:

1. Demonstrate fundamental knowledge of geological, geographical, physical, chemical, astrological, and biological oceanography.
2. Apply fundamental knowledge of marine sciences towards identifying and solving regional and global problems relating to marine systems.
3. Apply the scientific process to formulate hypotheses, design experiments, and collect and analyze data from which valid scientific conclusions are drawn.
4. Communicate effectively, in written and oral forms, utilizing the language and concepts of marine science.

Preparatory Courses (by placement)

General Education Core Requirements29 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 111 Environmental Studies (3); SC 180 Microbiology w/lab (4); SC 220 Introduction to Geology (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 Requirements36 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 REQUIREMENTS65 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 |
| | <u>15</u> |

Second Semester

| | |
|--|-----------|
| 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 |
| | <u>14</u> |

Summer Session

| | |
|------------------------------------|----------|
| Humanities Elective..... | 3 |
| SS 150 History of Micronesia | 3 |
| | <u>6</u> |

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 |
| | <u>14</u> |

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 |
| | <u>16</u> |

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 critically and effectively in English about Micronesian Studies Program course content.
2. Demonstrate proficiency in the geographical, historical, and cultural literacy of the Micronesian region.
3. Demonstrate proficient knowledge of the structure and functions of the government and social, political, and economic issues concerning the Micronesian Studies course contents.
4. Demonstrate the ability to perform research and write papers relevant to Micronesia using different methods and technologies.
5. Demonstrate an appreciation of the requirements of good citizenship in the FSM.

Preparatory Courses (by placement)

General Education Core Requirements29 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 101, AG 110 or AG 140 (4); A non-lab science (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 Requirements27 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 REQUIREMENTS62 credits

MICRONESIAN STUDIES Suggested Schedule

First Semester

| | |
|------------------------------------|----|
| EN 110 Advanced Reading | 3 |
| EN 120a Expository Writing I | 3 |
| MS 100 College Algebra..... | 3 |
| SS 150 History of Micronesia | 3 |
| CA 100 Computer Literacy | 3 |
| | 15 |

Second Semester

| | |
|---|----|
| EN 120b Expository Writing II..... | 3 |
| SS 101 Introduction to Political Science..... | 3 |
| SS 120 Introduction to Geography | 3 |
| SS 195 Micronesian Cultural Studies..... | 3 |
| Science w/lab | 4 |
| | 16 |

Summer Session

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

Third Semester

| | |
|---|----|
| Non-lab Science or Agriculture | 3 |
| Open Elective | 3 |
| SS 200 Research Methods | 3 |
| SS 205 Micro Government & Politics | 3 |
| SS 220 Contemporary Issues in Micronesia..... | 3 |
| | 15 |

Fourth Semester

| | |
|--|----|
| Open Elective | 3 |
| Humanities Elective | 3 |
| SS 212 Economy of Micronesia..... | 3 |
| SS 280 Directed Study: Selected Topics | 3 |
| | 12 |

PUBLIC HEALTH TRAINING PROGRAM - PHTP

The Public Health Training Program is a multi-entry, multi-exit educational opportunity for high school graduates who wish to enter studies in the health domain, as well as for Health Workers who wish to enhance the effectiveness of their work and improve their working conditions.

PHTP offers 2 certificates:

- a. **Certificate of Achievement in Basic Public Health (CABPH)**
- b. **Advanced Certificate of Achievement in Public Health (ACAPH)**

and 1 associate degree:

- c. **Associate of Science Degree in Public Health (ASDPH)**

and 1 third-year certificate of achievement:

- d. **Third-year Certificate of Achievement as: SPECIALIST IN PUBLIC HEALTH (CASPH)**

Those who complete the 3rd Year Certificate of Public Health are expected to be able to gain admission into a Bachelor of Public Health (BPH) and a Master of Public Health (MPH) at institutions awarding those degrees around the Pacific Rim.

There are **four steps** in the career ladder Public Health academic program at COM-FSM, each requiring general education and public health studies.

At the end of each step an exit qualification is awarded.

The entry criteria, course and credit requirements for each step are:

Step 1: Certificate of Achievement in Basic Public Health (CABPH)

(See certificate programs)

Step 2: Advanced Certificate of Achievement of Public Health (ACAPH)

For students holding a CABPH this step is the natural academic progression. However, this step offers also to the current workforce an academic entry-point towards attaining an Associate of Science Degree in Public health (ASDPH). Moreover, other professionals, wanting a career change, may use this as their entrance into the health domain.

This step provides the entry to the Associate of Science Degree in Public Health (ASDPH), and the ensuing Third Year Certificate of Achievement as Specialist in Public Health (CASPH; CAPHS).

Entry Criteria: Certificate of Achievement in Basic Public Health (CABPH)

Or: A qualification equivalent [*] to CABPH

And: appropriate public health work experience of at least 4 years

All candidates to sit **C.O.M.E.T** (College of Micronesia Entry Test)

Total credits required = 31

[*] = as determined by a review panel chaired by the division chair of the Math/Science Division with members of the Public Health faculty.

Program Learning Outcomes:

1. Recognize, describe and discuss the basic public health science facts and principles;
2. List and discuss the essential public health functions and their interrelationships at community and district level;
3. Describe and discuss adult, children and family health issues;
4. Discuss and demonstrate an understanding and practice of some generic public health competencies;
5. Demonstrate proper public health skills for public health practice in the community as a state or local public health officer;
6. Discuss and demonstrate community and cultural sensitivity in the health care environment;
7. Describe and discuss the health determinants and problems of adults, children and families;
8. Demonstrate proper cardio-pulmonary resuscitation (CPR) and first aid techniques;
9. Demonstrate the ability and discuss how to make a community diagnosis based on the determinants of health;
10. Identify and demonstrate good public health practice;
11. Have had work experience at a public health facility at community and district levels.

ADVANCED CERTIFICATE IN PUBLIC HEALTH

General Education Core Requirements13 credits

EN 110 Advanced Reading (3); EN 120a Expository Writing I (3); CA 100 Introduction to Computing (3)
 ESS 100 Exercise Sport Science, any 100-level course (1); PH/ MS 109 Maths for Public Health (3)

Major Requirements18 credits

PHTP/ Major courses and credits (18):

*Students to choose either PH 151 or PH 152, in consultation with PHTP faculty.
 PH 111 Introduction to Basic Epidemiology and Biostatistics (3); PH 112 Introduction to Epi-Info and Computing for Public Health (3);
 PH 121 Environmental Prevention and Control of Disease (3); PH 131 Food and Nutrition in the Life Cycle (3);
 PH 141 Principles of Health Promotion (3); PH 151 Intro. to Pacific Health Care Systems and Traditional Medicine (3)*;
 PH 152 Practical Health Services Management (3)*

GRADUATION REQUIREMENTS31 credits

**ADVANCED CERTIFICATE IN PUBLIC HEALTH
 Suggested Schedule**

First Semester

PH 111 Introduction to Basic Epidemiology and Biostatistics3
 PH 121 Environmental Prevention and Control of Disease3
 EN 110 Advanced Reading3
 CA 100 Introduction to Computing3
12

Second Semester

PH 112 Introduction to Epi-Info and Computing for Public Health3
 PH 151 Introduction to Pacific Health Care Systems and Traditional
 Medicine3
 EN 120a Expository Writing I3
 PH/MS 109 Math for Public Health3
12

Summer Session

PH 131 Food and Nutrition in the Life Cycle3
 PH 141 Principles of Health Promotion3
 ESS 100 Exercises Sport Science (any 100-level course)1
7

Step 3: Associate of Science Degree in Public Health (ASDPH)

Students completing this step are awarded the public health degree that provides the minimal standard for licensure as a professional public health practitioner.

Entry criteria: Advanced Certificate of Achievement in Public Health (ACAPH);

OR: Diploma in Public Health or in a Public Health Specialty;

OR: A qualification in Public Health equivalent (see [*]) to those above

And: appropriate public health work experience of at least 6 years;

All non-ACAPH-holding candidates to sit **C.O.M.E.T.** (College of Micronesia Entry Test) and attain placement for the pre-requisite courses of this qualification and gain admission to a COM-FSM Degree Program.

Total credits required = 34

[*] = as determined by a review panel chaired by the division chair of the Math/Science Division with members of the Public Health faculty.

ASSOCIATE OF SCIENCE DEGREE IN PUBLIC HEALTH (ASDPH)

General Education Core Requirements16 credits

General Education courses and credits (16):

EN 120b Expository Writing II (3); SC 117 Tropical Pacific Islands Environment (4)

ESS/SC 200 Fundamentals of Wellness and Physical Fitness (3);

Humanities: any 3-credits course (Art-Culture-Music-History-Philosophy-Language) (3); SS 150 History of Micronesia (3)

Major Requirements18 credits

PHTP/ Major courses and credits (18):

PH 211 Health Research Methodology (3); PH 212 Surveillance, Identification and Management of an Outbreak (3)

PH 221 Occupational Health and Safety (3); PH 231 Food, Nutrition and Lifestyle Diseases (3);

PH 241 Case Studies and Special Issues in Health Promotion (3);

PH 251 Management of Health Information Systems and Epidemiology (3)

GRADUATION REQUIREMENTS34 credits

**ASSOCIATE OF SCIENCE DEGREE IN PUBLIC HEALTH (ASDPH)
Suggested Schedule**

First Semester

| | |
|--|-----------|
| PH 211 Health Research Methodology | 3 |
| PH 221 Occupational Health and Safety | 3 |
| PH 251 Management of Health Information Systems and Epidemiology..... | 3 |
| SC 117 Tropical Pacific Islands Environment..... | 4 |
| | <u>13</u> |

Second Semester

| | |
|---|-----------|
| PH 212 Surveillance, Identification and Management of an Outbreak..... | 3 |
| PH 231 Food, Nutrition and Lifestyle Diseases | 3 |
| EN 120b Expository Writing II | 3 |
| Humanities..... | 3 |
| | <u>12</u> |

Summer Session

| | |
|--|----------|
| PH 241 Case Studies and Special Issues in Health Promotion..... | 3 |
| ESS/ SC 200 Fundamentals of Wellness and Physical Fitness | 3 |
| SS 150 History of Micronesia | 3 |
| | <u>9</u> |

STEP 4: Third Year Certificate of Achievement/Specialist in Public Health (SPH)

The qualifications offered at this step are aimed at the continuing education of licensed public health practitioners who aspire to postgraduate studies and health research. A proper mixture of courses at this level will assist senior national and state health administrators in their different public health projects and grants.

The following qualification may be awarded:**3rd Year Certificate of Achievement as: Specialist in Public Health (CASPH)**

Entry criteria: Associate of Science Degree in Public Health (ASDPH), or a similar Associate of Arts or Science Degree;

OR: Diploma in Public Health, or equivalent (see [*])

and: significant public health work experience of at least 8 years;

OR: satisfactory completion of a health-related research study

and: significant public health work experience of at least 8 years

and: favourable interview with program faculty;

All non-ASDPH-holding candidates to sit **C.O.M.E.T.** (College of Micronesia Entry Test) and attain current admitting scores.

Total credits required = 30

[*] = as determined by a review panel chaired by the Division Chair of the Math/Science Division with Members of the Public Health faculty.

Program Learning Outcomes:

1. Recognize, describe and discuss and research about the basic principles and practices of the specialty;
2. List, discuss and demonstrate the essential public health functions or the specialty and its interrelationships with the other specialties and health disciplines at community and national levels;
3. Describe, discuss and research adult, children and family health issues at community level;
4. Discuss and demonstrate an understanding and practice of the specialty public health competencies;
5. Demonstrate proper public health skills for its practice in the community as a national specialty practitioner;
6. Discuss and demonstrate community and cultural sensitivity in the health care environment;
7. Describe, discuss and research the health determinants and problems of adults, children and families;
8. Demonstrate proper cardio-pulmonary resuscitation (CPR) and first aid techniques and other healing and patient care abilities;
9. Demonstrate the ability and discuss how to conduct a community diagnosis and need assessment of the health determinants of the specialty in a community;
10. Identify and demonstrate good practice in the specialty;
11. Have had management, planning experience and leadership role at a public health specialty at community and national levels.

PHTP/ Major courses and credits for Specialist in Public Health (CASPH) (30):

A minimum of 6 (six) courses awarding 3 credits each selected by the student, in consultation with faculty, from among the 300-level courses listed in the next pages, for cumulative 18 credits;

and

A minimum of 2 (two) courses, awarding 6 credits each, one titled as "Placement in a Public Health Practicing Facility" and the other titled "Research Project in", selected by the student, in consultation with faculty, from among the 300-level courses listed in the next pages, for cumulative 12 credits.

PH 312 Research Methods for Health Services Management (3)

PH 314 PH Surveil. & Mgt. of Health Information Systems (3)

PH 316 Research Proj. in Applied Epi. & Health Research (6)

PH 321 Food Handling, Microbiology and Hygiene (3)

PH 334 Community Nutrition (3)

PH 351 Health Care Management and Systems in the Pacific and Micronesia (3)

PH 365 Placement in a Public Health Practicing Facility (6)

THIRD YEAR CERTIFICATE AS SPECIALIST IN PUBLIC HEALTH Suggested Schedule

First Semester

| | |
|--|----------|
| PH 314 Public Health Surveillance and Management of Health Information System..... | 3 |
| PH 316a Research Project in Applied Epidemiology and Health Research | 3 |
| PH 321 Food Handling, Microbiology and Hygiene | 3 |
| PH 365a Placement in a PH Practicing Facility | <u>3</u> |
| | 12 |

Second Semester

| | |
|---|----------|
| PH 343 Settings Approach & Healthy Public Policy in Health Promotion | 3 |
| PH 316b Research Project in Applied Epidemiology and Health Research | 3 |
| PH 351 Health Care Management and Systems in the Pacific and Micronesia | 3 |
| PH 365b Placement in a PH Practicing Facility | <u>3</u> |
| | 12 |

Summer Session

| | |
|---|----------|
| PH 312 Res. Methods for Health Services Mgt | 3 |
| PH 334 Community Nutr | <u>3</u> |
| | 6 |

ASSOCIATE OF SCIENCE DEGREE IN NURSING AND CERTIFICATE IN PRACTICAL NURSING

The COM-FSM Career Pathways in Nursing is a multi-entry, multi-exit program that prepares practical nurses (PN) and registered nurses (RN) with the theoretical and clinical foundations for educational and career mobility in nursing, including advanced placement for currently licensed practical nurses. The Associate of Science Degree prepares nurses with the fundamentals to articulate into baccalaureate and masters degree education. The programs prepare graduates to practice nursing in a variety of health care settings in the Pacific Islands. The core competencies integrate evidence-based practice with health promotion, acute, and chronic care of individuals across the lifespan, families, villages, and communities. The nursing curriculum is adapted from the Oregon Consortium for Nursing Education (OCNE.org) model. The emphasis on culture and caring is adapted from the work of American Indian tribal college nursing programs. The philosophy and organizing framework for the programs are published in the COM-FSM Nursing Student Handbook.

Program Learning Outcomes:

At the end of Level I, the competent practical nurse graduate will:

1. Demonstrate personal and professional actions based on self-reflection, core nursing values, and lifelong growth integrating new knowledge, ethical principles, and legal standards for safe, quality nursing practice.
2. Incorporate nursing knowledge to collect health data, plan, implement and evaluate care under the supervision of the professional nurse.
3. Utilize nursing principles and new evidence in the delivery of safe, holistic nursing care.
4. Demonstrate curiosity and tradition to ensure safe nursing care and positive health outcomes.
5. Apply relationship-centered communication and health technology in collaborating as a member of the health team.
6. Promote human dignity and a caring, culturally safe environment that reflects the values and needs of Micronesian families and communities.
7. Participate in the primary care and public health care systems in Micronesia to promote family and community well-being.

At the end of Level II, the competent associate degree graduate nurse will:

1. Model personal and professional actions based on self-reflection, core nursing values, and lifelong growth integrating new knowledge, ethical principles, and legal standards for safe, quality nursing practice.
2. Incorporate nursing knowledge to assess, plan, deliver, and evaluate care within the context of the interprofessional health team.
3. Make evidence-based nursing judgments in the delivery of safe, holistic nursing care.
4. Demonstrate a spirit of inquiry to manage and improve the quality of care and outcomes for individuals, families, and communities.
5. Practice relationship-centered communication and incorporate health technology as a member of the interprofessional team.
6. Advocate for a caring, culturally safe, and flourishing environment that reflects the values and needs of Micronesian families and communities.
7. Practice and contribute to the primary care and public health care systems in Micronesia to promote family and community wellness.

Admission Process

Admission to the nursing program is limited, based on availability of faculty and clinical resources. Students are admitted as pre-nursing, nursing, or advanced placement students. COMET exam scores determine the placement of students into ACE or college level courses.

- Pre-nursing students may be admitted at any time, based on COMET scores. Due to the rigorous nature of the nursing curriculum, students are strongly encouraged to complete all general education courses prior to admission to nursing courses.
- Nursing students are those applicants selected by the Nursing Admissions Committee.
- Advanced Placement students are qualified practical nurses seeking to complete the associate degree in nursing.
- All pre-nursing and PN/RN students are assigned an advisor to assist in development of an individual curriculum plan.

Application Process

The deadline to submit all required documents is May 1. After taking the COMET exam, complete the COM-FSM admission application and nursing addendum form and submit it to Nursing Department. Also submit a copy of high school and college transcripts.

Admission Requirements for the Nursing Program

- Certificate of Achievement or Completion as a Nursing Assistant, as outlined in the catalog with grades of "C" or better OR a "Pass" on a written NA validation test (80%) and skills test (100%) and medical terminology test (80%). A fee is required for validation tests.
- Demonstration of computer literacy skills (CA 100 or equivalent)
- Completion of all nursing prerequisites listed in the catalog with a grade of "C" or better. Courses may be repeated only once to improve a grade.

The Admission Process for PN/RN Nursing Students

From 2011-2013 the PN/RN program is offered on the COM-FSM National Campus only. Expansion to others campuses is based on fiscal, physical, and clinical resources and available faculty.

- Students are admitted to the PN/RN programs once per year.
- Completion of the application process does not guarantee admission.
- Admission decisions are made based on a point system. Selection criteria include: 1st preference to citizens of FSM and 2nd to residents of Micronesia. Other criteria include: GPA in prerequisite courses and general education requirements, prior placement on a wait list, and underrepresented groups. Students not admitted may reapply the following year. The purpose of selection criteria are to support student success and completion of the program and to support students who are committed to practice in Micronesia upon graduation.
- In June, students receive letters indicating full acceptance, provisional acceptance, or non-acceptance into the program. Students with provisional acceptance may be required to participate in retention activities or enroll in skill-building classes to promote success in nursing. Students not accepted work with advisors or recruitment/retention coordinators to identify next step plans.

The Admission Process for Advanced Placement Students

Applicants for Advanced Placement must submit the following documents to the COM-FSM and Nursing Departments by December 1 of the year prior to planned enrollment in Level II RN classes:

- COMET exam scores.
- COM-FSM admission application and nursing application addendum.
- Copy of a current, unencumbered practical nursing license from an English speaking country.
- An official copy of high school transcripts or GED scores.
- For students who became licensed through on-the-job training, submit a letter from the Chief Nurse, documenting the training and performance as a student and within the past 3 years.
- Copy of a driver's license, or legal identification (state ID or Passport).
- A current CPR Card.
- An official copy of college transcripts demonstrating completion of pre-nursing course requirements.
- Pass a validation exam of medical terminology at 80% or better.

Advanced Placement Acceptance Options

Option I: In spring semester, upon completion of NU 200 and NU 123 with a 75% grade or better, the student will be

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admitted into the nursing program at Level II in the fall semester. All Level II course requirements must be completed for graduation.

Option II: If a course average of 75% is not obtained in NU 200 and NU 123, the Admissions Committee will review the student file to consider admission into Level I fall or spring semester courses.

To Complete the Admission Process, and enroll in nursing courses, nursing students must submit to the Nursing Department forms included with the Acceptance Letter.

- By July 1, read, sign, and submit an Admission Acceptance Form that outlines student responsibilities and reserves a seat in nursing classes.
- By August 1, submit documentation of health care coverage through state or private insurance coverage.
- By August 1, submit and updated COM-FSM Health Form, including documentation of immunizations, current TB skin test results, and sign an Essential Functions Form indicating capacity to practice nursing.
- By August 1, demonstrate clearance of a criminal history. Submit a current Police Clearance or Criminal Background Check. Students with questions, please contact the Nursing Department.
- In August, prior to classes, participate in a required Nursing Program Orientation and CPR training.
- In August, during the Nursing Program Orientation, standardized tests will be administered to assess student knowledge levels in areas such as reading, science, and math. The tests will provide students with additional information about skill-building needs to be successful in the nursing program. The information is used for student advisement and self-assessment only.

Expenses for the Nursing Program

Expenses for nursing students are higher than for other COM-FSM students. In addition to general tuition and fees, students will be charged higher lab fees, liability insurance fees, and other program fees. Other related costs, which are covered through Financial Aid, include uniforms, education supplies and equipment, and travel to clinical assignments. A personal computer is recommended. Fees are required by the FSM Board of Nursing for the application for licensure and PN/RN license. A Computer Specification Guide and Estimated Cost Guide are available in the Nursing Department.

Learning Expectations in the Nursing Program

The PN/RN programs are competency based. Students must demonstrate, or master, concepts and skills to pass nursing courses and graduate. Learning strategies include limited lecture and extensive laboratory application. Lab activities include interactive learning groups, independent study, computer learning activities, campus practice and simulation lab, and clinical practice in a variety of hospital and community settings. One lecture credit represents 1 contact hour. One lab credit hour represents 3 contact hours. Students are expected to spend a minimum of 2-3 hours study time outside of class/lab for every hour in class/lab. Students can expect a minimum of a 40 hour study week while enrolled in nursing courses. Student commitment to this rigorous schedule is rewarded through client/patient care, practice as a practical nurse or registered nurse, and 'giving back' to the community of FSM. Clinical activities, in campus lab or health settings, may be scheduled days, evenings, nights, or on weekend. While faculty attempt to provide convenient schedules, students with work and family responsibilities need to coordinate schedules carefully. Nurse preceptors, or practicing nurses, and clinical instructors guide students through clinical activities.

Nursing Department Policies

The Nursing Department maintains nursing student policies, in addition to the COM-FSM Student Handbook, due to the unique nature of nursing as a profession. These policies are published in the Nursing Student Handbook and are reviewed annually with nursing students. Examples include admission, progression, readmission, criminal background check, professional behavior, among others.

Additional Requirements for PN/RN Licensure

The requirements for nursing licensure in the Federated States of Micronesia goes beyond completion of the Certificate in Practical Nursing or Associate Degree of Science. The FSM Nurse Practice Act authorizes the Board of Nursing to set requirements for PN and RN licensure. Licensure may be denied to graduates who demonstrate:

- Fraudulent information or misrepresentation in the licensing application.
- Active history of substances abuse/chemical dependency.
- Failure to maintain the professional conduct of nurses.
- Conviction of a crime that relates adversely to the practice of nursing.

Preparatory Courses (By Placement)

General Education Core Requirements.....Total PN 26, RN 34

Prerequisites English (9 credits)

EN110 Advanced Reading (3) in Nursing Assistant Certificate of Achievement; EN 120a Expository Writing I (3), EN 120b Expository Writing II (3)

Mathematics (3 credits)

PH 109 Math for Health Sciences OR MS 100 College Algebra (3)

Natural Sciences (11-15 credits)

SC 122a Anatomy & Physiology I with lab (4); SC 122b Anatomy & Physiology II with lab (4); SC 180 Microbiology with lab (4) [Required for RN Program only]; PH 131 Food & Nutrition in the Lifecycle OR PH 231 Food & Nutrition & Lifestyle Diseases, OR SC 112 Introduction to **Human Nutrition (3)**

Computer Applications (3 credits) in Nursing Assistant Certificate of Achievement

CA 100 Computer Literacy (3)

General Education Courses During the Program.....Total PN: 3 RN:10 credits

Social Sciences (3-6 credits)

ED/PH 201 Human Growth & Development (3); SS 150 History of Micronesia (3) [RN Program only]

Exercise Sports (1 credit)

Exercise Sports Science course (1) [RN Program only]

Humanities (3 credits)

Any course in art, music, history, culture, literature, philosophy or language; recommended: Ethics (3) [RN Program only]

Major Course Requirements.....24-38 credits

PN Certificate24 credits

NU 123 Writing Research in Nursing Lab (1:0/3); NU 125 Health Promotion in Nursing w/lab (7:3/4); NU133 Pharmacology (3); NU 134 Pathophysiology (3); NU 135 Health, Illness & Nursing I w/lab (7:3/4); NU 145 PN Leadership in Clinical Practice (3:1/3)

RN Degree38 credits

NU 123 Writing Research in Nursing Lab (1:0/3); NU 125 Health Promotion in Nursing w/lab (7:3/4); NU133 Pharmacology (3); NU 134 Pathophysiology (3); NU 135 Health, Illness & Nursing I w/lab (7:3/4); NU 225 Health & Illness in Nursing II (7:3/4); NU 235 Health & Illness in Nursing III w/lab (7:3/4); NU 245 Leadership in Clinical Practice Capstone (3:1/2)

Suggested Schedule

Pre-Nursing PN/RN Course Sequence*

Fall

| | |
|---|---|
| EN 120a Expository Writing I | 3 |
| PH 231 Food, & Nutrition in the Lifecycle | 3 |
| PH 112 OR Introduction to Human Nutrition | 3 |
| SC 122a A & P I w/lab | 4 |
| EN 110 Advanced Reading..... | 3 |
| 13 | |

Spring

| | |
|--|---|
| EN 120b Expository Writing II | 3 |
| PH 109 Math for Health | 3 |
| MS 100 Sciences OR College Algebra | 3 |
| SC 122b A & P II w/lab | 4 |
| 12 | |

*Pre-requisites: NU 100, NU 101, CA 100

Summer

| | |
|-----------------------------------|---|
| SC 180 Microbiology w/lab** | 4 |
| 4 | |

**for RN students only

Level I: PN Certificate Course Sequence*

Fall

| | |
|---|---|
| ED/PY 201 Growth & Development | 3 |
| NU 121 Study & Testing Skills in Nursing I (elective) | 2 |
| AND/OR | |
| NU 122 Strategies for Success in Nursing I (elective) | 2 |
| NU 123 Writing Research in Nursing Lab (0/3) | 1 |
| NU 125 Health Promotion in Nursing w/lab (3/4) | 7 |
| NU 126 Math Skills in Nursing I (elective) | 2 |
| Total Credits 11-15 | |

Spring

| | |
|--|---|
| NU 135 Health, Illness & Nursing I w/lab (3/4) | 7 |
| NU 131 Study & Testing Skills in Nursing II (elective) | 2 |
| NU 133 Pharmacology | 3 |
| NU 134 Pathophysiology | 3 |
| NU 136 Math Skills in Nursing II (elective) | 2 |
| Total Credits 13-17 | |

*prerequisites: CNA, EN110/120a/120b, CA 100, PH/MS 109, SC 122a/122b, PH 231 or equivalent

Summer PN track-PN Exit only

| | |
|---|---|
| NU 145 PN Leadership in Clinical Practice 0/3** | 3 |
| NU 146 NCLEX-PN Review**(elective) | 3 |
| Total Credits 6 | |

Level II: RN/ASN Course Sequence**Fall**

| | |
|---|-------|
| SS 150 History of Micronesia | 3 |
| Humanities elective: ethics | 3 |
| NU 221 Study & Testing Skills in Nursing III (elective) | 2 |
| AND/OR | |
| NU 225 Health & Illness in Nursing II w/lab (3/4) | 7 |
| NU 226 Math Skills in Nursing III (elective) | 2 |
| Total Credits | 13-15 |

Spring

| | |
|---|-------|
| SSE Exercise/Sports elective | 1 |
| NU 231 Study & Testing Skills in Nursing IV(elective) | 2 |
| NU 235 Health & Illness in Nursing III w/lab IV (3/4) | 7 |
| NU 245 Leadership in Clinical Practice Capstone (1/2) | 3 |
| NU 246 NCLEX-RN Prep (elective) | 3 |
| Total Credits | 11-16 |

Exit I: PN Certificate Credits: 50 credits
24 nursing + 26 general education credits

Exit II: RN/ASN Credits: 72 credits
38 nursing + 34 general education credits

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 relationship between the scientific principle and cooking procedures.
4. Identify and demonstrate the basic skills and principles of swine and poultry production techniques, including breed selection, feed, housing, management techniques and animal health.
5. Apply the basic skills and knowledge of nursery micro-propagation practices, transplanting, harvesting, and maintenance.
6. Identify the proper use of land for agriculture purposes, local ornamental, and turf management.

Program Requirements

General Education Requirements **13 credits**

CA 100 Basic Computer Applications (3); ESL 050 Technical English (3); MS 104 Technical Math I (4); SC 098 Survey of Science (3)

Technical Requirements **21 or 22 credits**

AG 084 Basic Crop Production (4); AG 096 Field Internship (5);

Plus a minimum of 12 credits from the following:

AG 086 Micro-propagation and Nursery Practices (4); AG 088 Landscaping (3); AG 090 Principles of Food Processing (3);
AG 092 Swine and Poultry Production (3); AG 094 Farm Management and Marketing (3)

Total Requirements **34-35 credits**