

FALL 2021 CLASSES

College &
Career Ready

English, Writing, and
Communication

Fine Arts & Culture

Government & Justice

Human Services &
Psychology

Humanities

Mathematics

Natural and Health
Sciences

Workforce
Development

LEARNING ROCKS!

Photo and artwork by Nancy Johnson

907-235-7743



Kachemak Bay Campus
Kenai Peninsula College
UNIVERSITY of ALASKA ANCHORAGE



KACHEMAK BAY CAMPUS COVID-19 INFORMATION



Student, Staff and Faculty Health and Safety is a top priority at Kachemak Bay Campus.

Kachemak Bay Campus Covid-19 Information

Fall 2021* Kachemak Bay Campus now offers most of the in-person courses we traditionally offered pre-Covid, as face-to-face/hybrid classes with some Covid safety protocols in place. A limited number of on-campus/in-person seats are available for each class and the remaining spots will be offered online/in-person via zoom. *Subject to change based on UAA Covid 19 policies. Have questions? Contact us!

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CLASS TYPES

Current, detailed information on KBC's courses including: dates, times, instructors, costs, etc. are available on the [KPC Searchable Schedule](#).

IN-PERSON (ON CAMPUS)

Courses are taught in-person, on-campus at specific class meeting times.

What this looks like in the KPC Searchable Schedule

Location	Homer	P201	T R	8/25 - 11/26	8:15AM - 12:30PM	Meeting day(s) and times listed
		Room Number				

ONLINE (SYNCHRONOUS)

Courses are taught online **VIA ZOOM** at the same day(s) and time each week. Students can attend from anywhere, and attendance is required.

What this looks like in the KPC Searchable Schedule

Online	DIST WEB	M W	1/11 - 5/1	5:30PM - 7:10PM	Meeting day (s) and times listed
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ONLINE (ASYNCHRONOUS)

Courses are taught online and can be accessed 24/7. There are no specific class meeting times but the instructor sets the pace of the class with due dates.

What this looks like in the KPC Searchable Schedule

	Online	DIST BLKBD	1/11 - 5/1	No meeting day or time listed
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Thinking of Getting a Degree?



CALL US AT
235-7743

FOR MORE INFORMATION

EXPLORE PATHWAYS TO
UNIVERSITY OF ALASKA
DEGREES IN:

Associate Degrees

- Arts
- Applied Science
- Radiology Technology
- Medical Sonography
- Dental Assisting
- Nursing - RN
- Fisheries Technology
- General Business
- Human Services
- Process Technology

Bachelor Degrees

- Psychology
- History
- Natural Sciences
- Biology
- Business
- Education
- Nursing
- Social Work
- Liberal Arts

Certificates & License

- Business Leadership
- Corrections
- Pharmacy Technician
- Small Business
- Fisheries Technology
- Welding
- Certified Nurse Aide
- Phlebotomy
- Medical Office Coding
- Marine Mammal Biology
- Conservation Ecology

JumpStart!

Dual Enrollment Credit

For High School Juniors & Seniors

DUAL CREDIT

Take college classes while in high school or home school and get a JumpStart on College!

IS IT RIGHT FOR YOU?

Meet our friendly and knowledgeable advising team and get your questions answered.

SAVE MONEY

As a JumpStart student the Kenai Peninsula Borough pays around 68% of your tuition, up to 30 credits, over 5 semesters. That's a whole year of college!

Call today for more
information: 235-7743



ADULT EDUCATION CLASSES

College & Career Ready

COMPUTER BASICS

This course gets students more comfortable with use of the mouse; clicking, dragging, highlighting, and pasting text; saving, moving, renaming and deleting files; email use; use of Microsoft products as well as the Google Suite/Google Drive.

Non-credit community skill development offered by the Alaska Adult Education program

Free for the public

SKILLS FOR LIFE

The focus is on skills that are core to effective living: communication, stress and time management, goal-setting, money management, working in teams, and more. Curriculum is year-long from Sept. through April.

Non-credit community skill development offered by the Alaska Adult Education program

Free for the public

COLLEGE AND CAREER READINESS

This is a non-credit class offered by the Alaskan Adult Education program. It is free for the general public. It is a workshop-like course helping students discover a good fit for a job or career, research that job, find educational opportunities to get trained for it with a culmination of job search skills—how to look for and get a job.

Non-credit community skill development offered by the Alaska Adult Education program

Free for the public

Basic Math/English Skills

GRAMMAR AND WRITING SKILL DEVELOPMENT

The Focus of this community class is on the foundational understanding of our language and using the rules to develop more advanced writing skills.

WRTG 003 Non-credit community skill development offered by the Alaska Adult Education program

Free for the public

REASONING THROUGH LANGUAGE ARTS

This is a GED preparation course that emphasizes reading and thinking skills to increase comprehension. This class is open to anyone wanting to develop their reading fluency.

WRTG 003 Non-credit community skill development offered by the Alaska Adult Education program

Free for the public

PREPARE TO COMPLETE YOUR GED

Assistance preparing for your GED High School Equivalency Certificate. Day and evening hours and individual tutoring also available.

Take classes or online instruction to earn this important credential

Free for the public

ENGLISH AS A SECOND LANGUAGE

A skill development class for those that English is not their first language. Develops skill and fluency in written and spoken English with focus on job and life skills such as work situations, filling out forms, and cultural norms. Can be at any level from knowing no English to wanting to polish current skill.

Non-credit community skill development offered by the Alaska Adult Education program

Free for the public



BUSINESS LEADERSHIP

Occupational Endorsement Certificate

Kenai Peninsula College is offering UAA's fast-track certificate in Business Leadership that students can achieve in one or two semesters! If you are looking for a quick way to boost your resume or to make a career shift, this Occupational Endorsement Certificate (OEC) is for you. Perfect for individuals in entry-level leadership roles and people wanting to build skills and stand out in a crowd.



16
credits

1-2
semesters

online
classes
available

Curriculum

- **Business Foundations** - basic business principles including: finance, accounting, and management and information systems (3 credits)
- **Fundamentals of Supervision** - roles, establishing goals and solving problems, organizing staff development, motivation, and managing work dynamics (3 credits)
- **Personal Selling** - importance of marketing and selling, branding, best practices in sales and sales techniques, answering questions, and closing the sale (3 credits)
- **Computer Concepts in Business** - basic computer applications: spreadsheets, database, word processing and presentation software (3 credits)
- **Fundamentals of Oral Communication** - basic communication skills including: speech preparation, reducing anxiety, language usage, and non-verbal behavior (3 credits)
- **Strategies for Success in College and Community Leadership** - leadership basics: strategic planning, backwards planning, goal setting, and solving problems (1 credit)

* All courses offered via distance giving you maximum flexibility with your schedule.

Business Administration

BUSINESS FOUNDATIONS

Introduces students to key business principles. Explores strategies allowing companies to compete in today's complex global marketplace. Discusses the primary functional areas of business, including management, marketing, finance, accounting and information systems. Provides students with opportunities to develop essential business skills such as critical thinking, problem solving, team building and business etiquette.

BA A151 3 credits

Notes: Online with due dates but no meeting times.

ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT

Examines the tools, techniques and principles of marketing and how to apply them. Identifies the significance of connecting with customers. Examines and identifies market factors which create the greatest customer satisfaction possible in the highly competitive environments of the 21st century.

BA A166 3 credits

Notes: Online with due dates but no meeting times.

MARKETING PRACTICES

Introduces students to the supervisor's role in organizations. Emphasizes development of the insights and skills necessary to achieve organizational objectives through others by effectively using the managerial functions of planning, organizing, leading, and controlling. Offers practical experience in decision making in contemporary and relevant situations facing today's supervisors.

BA A260 3 credits

Notes: Online with due dates but no meeting times.

PERSONAL SELLING

Designed for students with or without sales experience. Explores skills all individuals use to sell themselves, goods, services and ideas. Offers opportunities for students to practice selling skills that will help them become better communicators throughout life.

BA A264 3 credits

Notes: Online with due dates but no meeting times.

English, Writing & Communication

FUNDAMENTALS OF ORAL COMMUNICATION

Research suggests that nonverbal communication carries more weight than what we actually say. Interestingly, our facial gestures and posture are only a portion of nonverbal communication. In addition are the fluctuations in our voice, our appearance, our use of space and time! Come learn about the fundamentals of Human communication and hone your public speaking skills.

COMM A111 3 credits

Notes: In-person/On-campus.
Oral Communication GER;
Placement required.

CRITICAL THINKING

"Fake News! This age of information brings great benefit by making information easily accessible to all, but how can we know what information is credible and what is not? This course emphasizes principles and techniques of critical thinking to explore issues, ideas, artifacts and events before accepting or forming an opinion or conclusion.

ENGL A120 3 credits

Notes: Online with due dates
but no meeting times.

INTRODUCTION TO CREATIVE WRITING

This course provides an introduction to creative writing in multiple genres. Reading fiction, nonfiction and poetry; analysis of stylistic features; participation in writing workshop; and production of written exercises and texts.

ENGL A260 3 credits

Notes: Online with due dates
but no meeting times.



Meet Dr. Lia Calhoun, Assistant Professor of English and Communications. Dr. Calhoun was born and raised in Homer and graduated from Homer High School. She left Alaska to earn her BA in English and Creative Writing from Seattle Pacific University and her Ph.D. in English and American Literature from Boston University. She is happy to be settled back in their hometown with her husband and two young boys, and she is proud to be working with students in this community.

English, Writing & Communication

WRITING ACROSS CONTEXTS

A good argument contains at least three things: a clear claim, strong reasons to support the claim, and evidence that proves each reason. Writing Across Contexts will help you hone your skills in persuasive writing, reporting, and narrative. This course is required at most universities making it a highly transferable skill builder.

WRTG A111 3 credits

Notes: In-person/On-campus.
Written Communication GER;
Placement required.

WRITING AND THE HUMANITIES

Introduction to what writing is and does and how people learn to do it in the humanities, with a focus on the disciplinary questions, methods and reasoning that shape the genres and writing practices in the field.

WRTG A211 3 credits

Notes: In-person/On-Campus.
Written Communication GER;
Placement required.

WRITING AND THE SCIENCES

Introduction to what writing is and does and how people learn to do it in the sciences, with a focus on the disciplinary questions, methods and reasoning that shape the genres and writing practices in the field.

WRTG A213 3 credits

Notes: Offered In-Person/On-Campus AND via Zoom. Written Communication GER; Placement required.

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Fine Arts & Culture

SCIENTIFIC ILLUSTRATION

Introduces basic techniques and teaches basic methods for creating a publishable quality illustration of a biological specimen.

ART A100 1 credit

Notes: In-Person/On-Campus

BEGINNING HANDBUILT CERAMICS

Introduction to ceramic materials and processes. Emphasis on handbuilt forming methods and earthenware temperature range. Includes clays, clay bodies, slips, glazes, and firing process.

ART A201 3 credits

Notes: In-Person/Off-Campus

BEGINNING WHEELTHROWN CERAMICS

Introduction to ceramic materials and processes. Emphasis on wheelthrowing methods and stoneware temperature range. Includes clays, clay bodies, slips, glazes, and firing process.

ART A202 3 credits

Notes: In-Person/Off-Campus

PAINTING

Introduction to materials and traditional techniques as applied to painting as a fine art. Subject matter drawn from still life, landscape/nature, interior spaces and the human form. Students purchase their own supplies.

ART A213 3 credits

Notes: In-Person/On-Campus

HISTORY OF PHOTOGRAPHY

Investigates the history of photography: its origins, chronology, cultural context, and the significant contribution of individual photographers.

ART A367 3 credits

Notes: Online with due dates but no meeting times.

DANCE APPRECIATION

Develops an appreciation of dance for observers and participants through readings, lectures, videos, writing exercises, live performances, and movement and discussion sessions. Explores dance in social and cultural contexts and as an aesthetic and kinesthetic experience. Examines dance across various cultures along with its development as an art form in Europe and America.

DNCE A170 3 credits

Notes: Online with due dates but no meeting times. Fine Art GER

Government & Justice

CRIMINAL INVESTIGATION

Introduces fundamentals of investigation. Prerequisite: JUST A110

JUST A255 3 credits

Notes: Online with due dates but no meeting times.

INTRODUCTION TO AMERICAN GOVERNMENT

Weird coincidence, or....??? Two of America's founding fathers died on the 50th anniversary of the adoption of the Declaration of Independence. Join this American Government course to learn about the founding & Constitution, lobbyists and the powers in each branch of government. Be in the know!

PS A101 3 credits

Notes: Offered In-Person/ On-Campus AND via Zoom; Social Science GER

History & Humanities

WESTERN CIVILIZATION I

Did you know that Cleopatra spoke 12 languages, studied mathematics, astronomy and philosophy, and may have had a few things in common with Joffrey Baratheon of House Lanister? Learn all about her in Western Civilization I with Professor Jeff Meyers this fall! This fascinating class emphasizes the key social, political, intellectual and cultural events of Western Civilization from its origins in the ancient Near East to 1650.

HIST A101 3 credits

Notes: Online with due dates but no meeting times. Humanities GER

EAST ASIAN CIVILIZATION I

Provides a broad understanding of the historical, cultural and social development of Chinese, Japanese and Korean civilization from their prehistoric origins through approximately 1600 (the decline of the Ming Dynasty in China, the successful unification of Japan under the Tokugawa and the end of the Japanese invasions of Korea).

HIST A121 3 credits

Notes: Offered In-Person/ On-Campus AND via Zoom; Humanities GER

HISTORY OF THE UNITED STATES I

Is America the land of opportunity? How has Puritanism shaped American values? Delve into the social, political, and economic forces that formed the United States from the pre-colonial era through the U.S. Civil War.

HIST A131 3 credits

Notes: Online with due dates but no meeting times. Humanities GER

HISTORY OF THE UNITED STATES II

What was the promise of emancipation and was it fulfilled in the post Civil War era? Answer this and many more essential questions about the United States as you examine the key social, political, and economic forces that have shaped the country from reconstruction forward.

HIST A132 3 credits

Notes: Online with due dates but no meeting times. Humanities GER

History & Humanities

HISTORY OF ALASKA

Examines Alaska and its relationship to America and the world, including Alaska geography, Alaska Native anthropology, and a detailed chronological history of the 49th state. Emphasizes the themes of the persistence of Alaska as a global crossroads, the enduring contribution of Alaska Natives, and the ongoing tensions between those inside and outside Alaska about what the state could and should be.

HIST A341 3 credits

Notes: Offered In-Person/ On-Campus AND via Zoom; Integrative Capstone GER.

INTRODUCTION TO HUMANITIES I

Uses humanities-based methods of inquiry and analysis to interpret art works representative of diverse media, world cultures and historical eras. Approaches different systems of aesthetic representation through investigations of form, meaning, and values. Places the contributions of individual artists in historical and cultural context.

HUM A211 3 credits

Notes: Online with due dates but no meeting times.

TO REGISTER:
[Go to UAOnline](#)



Meet Dr. Jeffrey Meyers, Assistant Professor of History and Political Science. Specializing in Modern History with an emphasis on the Soviet and Post-Soviet Union and the History of Crime and Terrorism. Dr. Meyers brings history to life with his creative and energetic teaching style.

Human Services & Psychology

HISTORY AND SYSTEMS OF HUMAN SERVICES

This class provides an introduction to the historical foundations of the human service profession through the lens of formative legislation and service delivery systems.

HUMS A107 3 credits

Notes: Online with due dates but no meeting times.

COMMUNITY EDUCATION AND PREVENTION IN SUBSTANCE ABUSE

Presents knowledge and skills as tools in the development of community education and prevention programs in substance abuse.

HUMS A123 3 credits

Notes: Online with due dates but no meeting times.

INTERVENTION AND PREVENTION OF HIGH RISK BEHAVIOR IN ADOLESCENTS

Provides an overview of brain development and its impact on behavior. Presents types of high risk behaviors in adolescents and approaches to prevention and intervention.

HUMS A125 3 credits

Notes: Online with due dates but no meeting times.



Meet Brian Partridge, Associate Professor of Psychology & Human Services at KBC. A student favorite, Professor Partridge brings years of experimental, clinical and practical experience to the classroom.

Human Services & Psychology

INTRODUCTION TO GENERAL PSYCHOLOGY

The field of psychology is huge. Explore the breadth of the disciplines within the subject such as social psychology, developmental psychology, experimental psychology, abnormal psychology, sensation and perception, memory and consciousness.

PSY A111 3 credits

Notes: Offered In-Person/On-Campus AND via Zoom AND online with due dates but no meeting times. Social Science GER

HUMAN RELATIONS

A survey of human relations to include communications, problem solving, interaction, relationship, choice and change skills.

PSY A153 3 credits

Notes: Online with due dates but no meeting times.

SENSATION & PERCEPTION

Presents current theories and phenomena which effect how we perceive the world around us. Explores the capacities and limitations of the sensory apparatus, particularly vision. Considers implications of the human tendency to "Misperceive" situations.

PSY A366 3 credits

Notes: Online with due dates but no meeting times.

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Mathematics

PREALGEBRA

Do you need to work on your prealgebraic math fundamentals? This course may be for you! Topics include operations and applications of whole numbers, integers, fractions, decimals, ratios and proportions, percents, geometry and measures, evaluation of algebraic expressions and applications.

MATH 054 3 credits

Notes: Online with due dates but no meeting times. Does not count toward degree requirements

INTERMEDIATE ALGEBRA

This class builds on the foundations of elementary algebra and prepares for college algebra. You will learn about expressions, equations and applications involving linear, quadratic, rational and radical functions; graphs of linear and quadratic functions; functions and their inverses; introduction to exponential and logarithmic functions and systems of linear equations.

MATH A105 3 credits

Notes: Online with due dates but no meeting times.

COLLEGE ALGEBRA FOR CALCULUS

Study of algebraic, logarithmic and exponential functions; systems of equations; and applications

MATH A151 4 credits

Notes: Offered In-Person/ On-Campus AND via Zoom. Quantitative Skills GER

APPLIED CALCULUS FOR MANAGERIAL/SOCIAL SCIENCES

Covers functions and graphs, differentiation, exponential and logarithmic functions, antidifferentiation and integration, and functions of several variables. Applies these mathematical concepts.

MATH A221 3 credits

Notes: Online with due dates but no meeting times. Quantitative Skills GER;



Meet Dr. Jeffrey Johnson, Assistant Professor of Mathematics. Dr. Johnson loves math but he understands and can speak to people who don't! A fantastic and friendly combination in a math professor! Dr. Johnson structures his courses so that student success is in the student's hands. Assessments provide an avenue for constant improvement through revisions, as opposed to the 'one-off right-or-wrong-done-move-on' math coursework students often go through.

CALCULUS I

A first course in single-variable calculus. Topics include limits; continuity and differentiation of functions; applications of the derivative to graphing, optimization and rates of change; definite and indefinite integration; and the fundamental theorem of calculus.

MATH A251 4 credits

Notes: Offered via Zoom.
Quantitative Skills GER

APPLIED STATISTICS FOR SCIENCES

Intensive survey course with applications for the sciences. Topics include descriptive statistics, probability, random variables, binomial, Poisson and normal distributions, estimation and hypothesis testing of common parameters, analysis of variance for single factor and two factors, correlation, and simple linear regression. A major statistical software package will be utilized..

STAT A253 4 credits

Notes: Online with due dates but no meeting times. Quantitative Skills GER

University Studies

STRATEGIES FOR COLLEGE SUCCESS

This class teaches you how to be a successful college student! Students are guided on a playful, strength-based journey of discovery as they learn to combine individual strengths with the science of learning to practice the habits of mind of highly successful students. Along the way, students are introduced to academic and campus resources and guided in developing academic goals.

Research shows that students who take this class (or one similar) are likely to increase their credit accumulation, earn higher grades than peers who do not take a class like this, and are more likely to persist in meeting their educational goals.

UNIV A150 3 credits

Notes: This is a blended class. It meets 4 times in-person and the rest of the work is completed on-line with weekly due dates, but no meeting times.

Natural & Marine Sciences

MARINE SKELETAL ARTICULATION

Introduces the preparation of marine skeletons for museum-quality display. Introduces basic anatomy, form and function, as well as materials and general techniques for excavating, cleaning, collecting data from and articulating marine vertebrates.

BIOL A125 2 credits

Notes: Offered In-Person/
On-Campus

ADVANCED MARINE SKELETAL ARTICULATION

Introduces the preparation of marine skeletons for museum-quality display and three-dimensional augmented reality atlases. Introduces basic anatomy, form and function, as well as materials and general techniques for excavating, cleaning, collecting data from and articulating marine vertebrates. Atlas construction focuses on comparative anatomy.

BIOL A325 2 credits

Notes: Offered In-Person/
On-Campus

PRINCIPLES OF ECOLOGY

Introduces the basic principles of ecology including the physical and biological nature of environment in relation to living systems; the physiological, morphological and behavioral adaptations of organisms; the dynamics and structures of populations, biological communities, ecosystems, and biomes; and the interdependence of natural and human systems.

BIOL A271 3 credits

Notes: Online with due
dates but no meeting
times.

MARINE MAMMAL BIOLOGY

Introduction to the biology and ecology of marine mammals, with an emphasis on understanding how marine mammals are adapted to their habitat and the roles that they play in the marine ecosystem.

BIOL A430 3 credits

Notes: In-Person/On-
Campus. Includes field
studies via boat and car.

EXPERIENTIAL LEARNING: MARINE MAMMAL BIOLOGY

Introduces the theory and practice in scientific study of marine mammal biology. Emphasis on understanding their adaptations and roles in marine ecosystems. Students survey live and dead marine mammals in nearshore environments, conduct research and share data in areas such as anatomy, diving physiology, habitat use, group composition, reproduction, and interspecific interactions, including those with humans.

BIOL A 432 2 credits

In-Person/On-Campus.
Includes field studies via
boat and car.

BEHAVIORAL ECOLOGY OF MARINE MAMMALS

Introduces the proximate and ultimate causes of behavioral ecology of marine mammals using an evolutionary approach. Focus on social behavior, animal communication, feeding and anti-predatory behavior, habitat selection, territoriality, reproductive behavior, mating systems, parental care, and adaptations in specific taxa. Methodology, natural and anthropogenic challenges, and marine conservation highlighted throughout.

BIOL A 458 3 credits

Notes: Offered In-Person/
On-Campus

EXPERIENTIAL LEARNING: BEHAVIORAL ECOLOGY OF MARINE MAMMALS

Introduces the theory and practice in field and lab on topics related to marine mammal behavioral ecology with focus on Alaskan species. Students conduct research and present findings in areas such as habitat use, social behavior, group dynamics, foraging ecology, predator avoidance, communication, sensory systems, reproductive behavior, mating systems and parental care. Methodology, natural and anthropogenic challenges, adaptations and marine conservation highlighted.

BIOL A 459 2 credits

Notes: Offered In-Person/
On-Campus

MARINE BIOLOGY

Introduction to the marine habitat, with a focus on understanding the biological basis behind modern conservation and management issues, particularly in Alaska.

BIOL A481 3 credits

Notes: In-Person/On-Campus

EXPERIENTIAL LEARNING: MARINE BIOLOGY

Introduces the theory and practice in marine biology lab and field designed to build student knowledge of marine organisms, communities and habitats. Students conduct explorations and research on environmental variables and their affects on organisms in coastal pelagic and benthic zones.

BIOL A491 2 credits

Notes: In-Person/On-Campus.
Field trips.



Meet Dr. Debbie Boege Tobin, Professor of Biology. Debbie earned her BS, MS and Ph.D in the Lower 48 in Animal Behavior, Marine Biology and Ecology, and since 2006 has loved teaching Biology courses at the Kachemak Bay Campus, sharing her experiences with our students. She is happy to live, work and play in Homer and on Kachemak Bay with her husband, son and two dogs. Though Debbie teaches a wide variety of courses, her passion lies in Marine Mammal Biology. Debbie and her students collaborate with many local, state, federal and non-profit agencies on marine mammal and environmental education projects. She is a lead of the Homer Marine Mammal Stranding Network and is a coordinator for both Semester by the Bay and the AK Coastal Summer Institute.

Natural & Marine Sciences

SBB UNDERGRADUATE SEMINAR

Offered in conjunction with KPC's Semester by the Bay program. Introduces the exploration of current and emerging ideas and findings across the biological sciences, with an emphasis on critique of the primary literature. The course will use readings from the primary literature to illustrate scientific methods, experimental design, and applied statistics in biology. The course will also build and refine student's scientific writing and communication skills, sharpen analytical thinking and scientific creativity.

BIOL A492 1 credit

Notes: In-Person/On-Campus.

INTERNSHIP IN BIOLOGY

Professional work experience in appropriate areas of the biological sciences. Open to qualified students receiving faculty recommendation, and as placements are available.

BIOL A495A 3 credits

Notes: Instructor Approval

CHEMISTRY SKILLS & PROBLEM SOLVING

A preparatory chemistry course for students without high school chemistry or with limited mathematics background. Develops foundational problem-solving skills using basic models of chemistry.

CHEM A054 3 credits

Notes: Online with due dates but no meeting times

GEOLOGY OF KACHEMAK BAY

Introduces students to the geological history of the southern Kenai Peninsula. Covers basic plate tectonics, paleobotany and climatology, alpine glaciation, volcanoes, and the effects of the 1964 Earthquake. Field trips include a hike to Grewingk Glacier and a hike from McNeil Canyon to Fritz Creek along Kachemak Bay.

GEOL A 190 1 credit

Notes: In-Person/On-Campus. Field trips.

GLOBAL CLIMATE CHANGE

Examines the Earth's climate and how it is changing, as well as how it is predicted to change in coming decades with increasing fossil fuel emissions. Climate change effects in Alaska will be emphasized.

GEOL A 190 1 credit

Notes: In-Person/On-Campus. Field trip.



MARINE MAMMAL BIOLOGY

OCCUPATIONAL ENDORSEMENT CERTIFICATE (16 CR)

University of Alaska Anchorage

Homer, Alaska

SemesterbytheBay.org

907.235.1658

Students in the Marine Mammal Biology Intensive study the biology, anatomy, and behavior of Marine Mammals in conjunction with the marine environment and related current events.

Through coursework:

- BIOL A325 Adv. Marine Skeletal Articulation, 2cr
- BIOL A430 Marine Mammal Biology, 3 cr
- BIOL A432 Experiential Learning: Marine Mammal Biology, 2 cr
- BIOL A458 Behavioral Ecology of Marine Mammals, 3 cr
- BIOL A459 Experiential Learning: Behavioral Ecology of Marine Mammals, 2 cr
- BIOL A492A SBB Undergraduate Seminar, 1 cr
- BIOL A495A Internship in Marine Biology, 3 credit



And field experiences (examples):

- Conducting Humpback whale surveys, photographing tail flukes for photo-identification purposes
- Acoustic sampling and photo identification methodology with killer whales and harbor porpoises
- Participating as citizen scientists during Belugas Count!



Students master:

Coursework, field experiences and internships laden with unique, place-based, hands-on experiences guide students beyond classroom theory to the application of marine mammal science within the natural environment. Students completing this semester bring real skills to their life after undergraduate degrees including:

- Proper necropsy techniques
- Communicating research findings to professional audiences
- Adherence to marine mammal law and safety protocols
- Strategies for public education on marine mammal law
- Skeletal articulation techniques

Internship examples:



In conjunction with the National Marine Fisheries Services, students demonstrate proper necropsy techniques after the mortality of a neonate orca.



Marine Mammal Skeletal articulation Interns clean and prepare marine mammal bones collected from strandings and mount skeletal displays.



Examining differences in foraging patterns of river and sea otters through scat analysis contributing to ongoing research with UAA and the Kachemak Bay National Estuarine Research Reserve.



Interns with North Gulf Oceanic Society put acoustic sampling and photo identification methodology into practice with killer whales.

Natural & Health Sciences

HUMAN ANATOMY AND PHYSIOLOGY I WITH LAB

Integrated view of human structure and function. Provides a foundation in relevant chemistry, cell biology, histology and unifying concepts. Covers integumentary, skeletal, muscular and nervous systems.

BIOL A111 and A111L

Notes: Online via Zoom AND online with due dates but no meetings times. Natural Science GER

INTRODUCTION TO MICROBIOLOGY FOR HEALTH SCIENCES WITH LAB

General introductory microbiology covering bacterial metabolism and genetics, virology, host parasite interactions, host defense mechanisms and epidemiology.

BIOL A240 and 240L

Notes: Offered online with due dates but no meeting times

NUTRITION FOR HEALTH SCIENCES

Studies nutrition in the life cycle including food sources and requirements of nutrients, and physiological and metabolic aspects of nutrient function. Reviews disease states, food selection, and cultural and contemporary issues of concern to health professionals.

DN A203 3 credits

Offered online with due dates but no meeting times

CORE CONCEPTS IN HEALTH SCIENCE

This class is an orientation to health issues in the United States and Alaska. You'll explore the basic dynamics of health and illness, the transition from infections to chronic illness, the measures of population health and the overall health care delivery system and more.

HS A220 3 credits

Notes: Offered online with due dates but no meeting times

CERTIFIED NURSE AIDE

Certified Nurse Aide is a high demand job as a critical member of a health care team assisting both the medical staff and the patient. This 10-15 week training class prepares the participants to become an Alaska State Certified Nurse Aide and become employed in a highly needed occupation. The curriculum includes CPR training, medical terminology, basic anatomy, first aid and skills labs. Students also receive supervised on-site clinical training at local health care facilities. This course includes classroom, lab and clinical training.

HCA A105 6 credits

See the student success advisor for a complete information packet



Community Education Classes

Visit us online for current classes

Marine Technology Classes

Kachemak Bay Campus offers a wide range of marine technology courses each semester. Below is a list of commonly offered classes. To see what is currently available visit our [online registration portal](#).

Commonly offered Marine Technology Classes

- Refrigeration Basics for the Marine Industry
- Master 100 Ton/OUPV*
- Net Mending
- Marine electronics
- Able Seaman*
- Deckhand Skills
- Computer Design: Marine Technology
- Coastal Navigation
- Marine Vessel Systems
- Basics of DC Electricity for Vessels

*Coast Guard Certification Class



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UAA on Kachemak Bay



Freshman Advantage

**HIGHLY QUALIFIED
FACULTY**

IN-STATE TUITION

SMALL CLASSES

**OUTSTANDING
STUDENT SERVICE**

PERSONAL ATTENTION

**PRIVATE COLLEGE EXPERIENCE
PUBLIC UNIVERSITY COST**



AFFORDABLE ANNUAL TUITION Students choosing to spend their freshman year at home reduce their overall educational costs.

SUPPORTIVE ENVIRONMENT

Transition from High School to College in the comfort of a small town while enjoying the support of being close to home.

QUALITY EDUCATION Kachemak Bay Campus of KPC is known for individualized attention and teaching excellence. Our faculty and staff go the extra mile to help students reach their education goals.

**THE BEST EDUCATIONAL
VALUE FOR YOUR DOLLAR
ANYWHERE**

THANK YOU TO OUR COMMUNITY PARTNERS

Whether offering resources, internship opportunities, student discounts, volunteering or through partnering on projects or presentations, Homer really shows up to support student success at KPC. Here is a list of some of our partners.

Thank you Homer. We could not do it without you!

49 Writers
909 Veterans
Alaska Department of Fish and Game
Alaska Food Policy Council
Alaska Humanities Forum/Salmon Fellows
Alaska Maritime National Wildlife Refuge,
Islands and Ocean Visitor Center
Alaska SeaLife Center
Alaska Wildlife Alliance
Alaska World Arts Festival
Alaskans Know Climate Change
Aleutian Harvester Fund
Alibi Bar & Grill
Altruist Kitchen
Aspen Suites Hotel
Bay Excursions
Bay Weld Services
Breakwater Marine Electric
Bunnel Street Gallery
Captains' Coffee
Center for Alaskan Coastal Studies
Citizens AKtion Network
Community Emergency Task Force
Cook InletKeeper
Dennis Leach and Associates LLC
Eagle Scouts of America
Epperson Foundation
Friends of the Homer Library
Girl Scouts Citizenship University
Great Decisions 2020
Green Dot
Gulf Watch Alaska
Halibut Cove Experience Gallery
Hands of Peace
Haven House
Homer Art and Frame

Homer Bookstore
Homer Chamber of Commerce
Homer City Council
Homer Farmers Market
Homer Foundation
Homer High School
Homer Jeans
Homer Job Center
Homer Kachemak Bay Rotary Club
Homer Legislative Information Office
Homer Marine Trades Association
Homer Middle School
Homer Needle Exchange
Homer News
Homer Ocean Charters
Homer Pride
Homer Rotary
Homer Soil and Water
Homer Women's March
Icicle Seafoods
JustPeaceAlaska
Kachemak Bay Conservation Society
Kachemak Bay Estuarine Research Reserve
Kachemak Bay Family Planning Center
Kachemak Heritage Land Trust
KBBI
Kenai Peninsula Borough
Kenai Peninsula Votes
Land's End Resort
League of Women Voters
MAPP
Nine Star
NOAA - Kasitsna Bay Lab
Nomar
North Gulf Oceanic Society
Opioid Task Force

Peninsula Communications Inc
Pier One Theater
Progressive Women
Project Grad Kenai Peninsula
Project Homeless Connect
R.E.C. Room
Rasmuson Foundation
Red Mountain Marine
Short Cutz
South Central Radar
South Peninsula Behavioral Health Services
South Peninsula Hospital
South Peninsula Hospital Foundation
Sprout Family Services
Sustainable Homer
SVT Health and Wellness
The Center for the Study of Culture, Ethics,
and the Environment
The Nelson Wilderness Learning Center
True North Kayak
US Department of Agriculture: Natural
Resource Conservation District
US Fish and Wildlife Service - AK Maritime
National Wildlife Refuge
US Fish and Wildlife Service - Marine
Mammals Management
Wells Fargo
Winged Whale Research
Wooden Boat Society