

EAST NOBLE HIGH SCHOOL

CAREER PATHWAYS

**Preparing Students for
Post-Secondary Success**

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CAREER PATHWAYS

It is the goal of East Noble High School staff to prepare students for post-secondary success through a rigorous, relevant, and engaging education. Career Pathways is a curriculum design that helps students achieve post secondary success through a connection between education and the world of work.

What are Career Pathways:

- An educational environment designed around six career pathways.
- All students receive relevant, rigorous, and engaging experiences that are connected to a career pathway.
- Every student has a focused, four year plan that prepares them for *post secondary success*.

Advantages of Career Pathways:

- Planning for and connections to post-secondary endeavors.
- Academic preparation for success in post-secondary endeavors.
- Students are better informed when making decisions concerning post-secondary plans.
- Direct connections to post-secondary programs and opportunities to complete college credits simultaneously with high school credits.
- Focused guidance and academic advising throughout high school.

Elements of Career Pathways:

- Six Career Pathways
- Pathway Partnerships with the community, and business and industry
- Framework of Majors
- Courses that correlate with the majors and pathways
- Relevant community experiences that enhance student learning
- Career Center
- Business and Industry Advisory Council

East Noble High School's Six Pathways

Arts and Communications - Partnership with *KPC Publishing*

Business and Information Technology – Partnership with *Campbell and Fetter Bank*

Engineering, Manufacturing and Technology – Partnership with *Bollhoff Rivnut, Inc.*

Health and Related Services – Partnership with *Parkview Noble Hospital*

Human and Social Services – Partnership with *The City of Kendallville*

Natural Resources and Agri-Science – Partnership with *Noble County Extension Office*

Career Majors within the Pathways (see attached pages for specific majors):

- A framework of majors within each pathway are utilized.
- Students will select a major which outlines courses and experiences to meet their career goals.
- Students may change majors during their high school years.
- Students will receive a special designation on their high school diploma for their completed career major

Student Plan:

Freshman Year:

- A framework of majors within each pathway will be developed based on student input, staff input, community (business and industry) input.
- Students will select a major which outlines courses and experiences to meet their career goals.
- Students may change majors during their high school years.

Sophomore Year:

- Pursue coursework and graduation requirements in pathway.
- Pathway courses will include guest speakers and cross curricular project based activities
- Refine four year plan.

- Tour a business/organization in the student's pathway choice.

Junior Year:

- Pursue coursework and graduation requirements in pathway.
- Pathway courses will include guest speakers and cross curricular project based activities
- Refine four year plan.
- Enroll in advanced placement coursework.
- Participate in a job shadowing or vocational program experience in the student's pathway.
- Utilize the Career Center to enhance post secondary career and education research.

Senior Year:

- Pursue coursework and graduation requirements in the pathway.
- Pathway courses will include guest speakers and cross curricular project based activities
- Refine four year plan.
- Enroll in advanced placement coursework.
- Utilize the Career Center to enhance post secondary career and education research.
- Participate in an internship or vocational program experience in the student's pathway.
- Develop a senior project that is related to the student's career pathway.

Students involved in a career pathway will experience:

Increased relevancy and connections to the "real world"
Improved critical thinking and problem solving skills
Improved post-secondary success!

For additional information, contact a guidance counselor.

ARTS AND COMMUNICATION

Pathway Majors and Career Opportunities

Choral Performing Arts - *singer, recording artist, vocal coach/instructor, arranger, professional actor, choreographer, music teacher, professional dancer, music industry leader, sound engineer, music therapist, “music in the outside” field, composer, lyricist, instrument sales and repair, piano tuner*

Fashion Design - *fashion photographer, accessory designer, advertising designer, costume designer, fashion art director, fashion copy writer, fashion director, fashion merchandiser, fashion specialist, jewelry designer, showroom manager, visual merchandising designer, textile designer, active sportswear designer, apparel production manager, display designer, fashion consultant, fashion curator (museum), fashion editor, fashion model, fashion writer, patternmaker, teacher of fashion*

Fine/Visual Arts - *sculptor, ceramist, woodworker, painter, artist’s agent, basket weaver, batik artist, book binder, collage artist, computer artist, fiber artist, fine art photographer, jewelry designer, leather worker, mold maker, muralist, papermaker, printmaker, puppeteer, quilter, serigrapher, silversmith, stained glass designer, art restorer, art dealer, art teacher, editorial cartoonist*

Graphic Design - *Advertising art director, airbrush artist, art agency representative, art director, art school teacher, book jacket designer, calligrapher, cartographer, creative director, greeting card designer, illustrator, layout designer, logo designer, graphic artist, photographer, poster artist, art director, sign painter, silkscreen artist, package designer*

Instrumental Performing Arts - *instrumentalist, drill designer, music teacher, arranger, music librarian, choreographer, music industry leader, professional dancer, music therapist, private instructor, sound engineer, pit musician, “music in the outside” field, composer, instrument sales and repair, piano tuner, recording artist*

Interior Design - *antique specialist, contract designer, design assistant, design consultant, detailer, facility assistant, floor covering designer, floral designer, furniture designer, interior design photographer, showroom manager, manufacturer’s representative, parade float designer, photo stylist, set or scenic designer, space planner, staff designer, interior design teacher/professor, wall covering designer, window display designer, interior designer, display designer*

Journalism - *technical writer, video jockey, reporter, book editor, broadcast technician, copy writer, disc jockey, fashion editor, film critic, foreign correspondent, freelance writer, lexicographer, magazine editor, media analyst, newspaper editor, news anchor, novelist, publicist, radio producer, scriptwriter, sportscaster, sportswriter, TV host, TV producer, TV/radio station manager*

Theatrical Performing Arts - *art director, background artist, lighting designer, makeup artist, program designer, scene painter, puppet designer, seamstress, set designer, actor, professional stage crew, technical director, director, sound design, marketing, theater business, costume design, carpenter*

ARTS AND COMMUNICATION

Journalism

<u>Major-Specific Required Electives</u>
Intro to Publications Newspaper OR Yearbook Computer Applications Speech Desktop Publishing Psychology, OR Sociology, OR Citizenship/Civics
<u>Major-Specific Recommended Electives</u>
Digital Communication Tools Computer Applications, Adv. Desktop Publishing Web Design Creative Writing Etymology Group Discussion Children's Literature Gothic Literature Debate Law Education Leadership Career Internship ICE On the Job Training

Choral Performing Arts

<u>Major-Specific Required Electives</u>
Music History and Appreciation Music Theory and Composition <u>Any combination of at least 6 credits of the following:</u> Beginning Chorus Ad- vanced Chorus I (Premiere Edition), Advanced Chorus II (Knight Rhythms)
<u>Major-Specific Recommended Electives</u>
Theater Arts I Theater Arts II Advanced Theater Arts I Advanced Theater Arts II Professional Career Internship Leadership Career Internship ICE On the Job Training Electronic Keyboarding

Fine/Visual Arts

<u>Major-Specific Required Electives</u>
Intro to 2D Art or Intro to 3D Art <u>Choose 4 of the following:</u> Ceramics Drawing Jewelry Painting Sculpture Studio Art, AP
<u>Major-Specific Recommended Electives</u>
Professional Career Internship Leadership Career Internship ICE On the Job Training Graphic Arts and Design Voca- tional Computer Applications Computer Applications Advanced Web Design Speech

Instrumental Performing Arts

<u>Major-Specific</u>
Music History and Appreciation Music Theory and Composition <u>Any combination of at least 6 credits of the following:</u> Beginning Concert Band Intermediate Concert Band Advanced Concert Band Jazz Band, Electronic Key-
<u>Major-Specific</u>
Beginning Chorus Music History and Appreciation Music Theory and Composition Theater Arts I Theater Arts II Advanced Theater Arts I Advanced Theater Arts II Professional Career Internship Leadership Career Internship ICE On the Job Training

Graphic Design

<u>Major-Specific</u>
Intro to 2D Art Drawing Desktop Publishing Web Design
<u>Major-Specific</u>
Graphic Arts and Design Voc. Intro to 3D Art Painting Technology Systems Studio Art, AP Digital Communication Tools Computer Applications Computer Applications, Adv. Intro to Publications Newspaper Yearbook Professional Career Internship Leadership Career Internship ICE On the Job Training

Interior Design

<u>Major-Specific</u>
Intro to 2D Art Intro to 3D Art Drawing Housing and Interior Design Technical Theater
<u>Major-Specific</u>
Painting Ceramics/Sculpture Studio Art, AP Fundamentals of Engineering Design Processes Computer Applications Web Design Housing & Interior Design Foun-
<u>Major-Specific</u>
Fashion and Textiles I Fashion and Textiles II Constructions Systems Construction Processes Leadership Career Internship ICE On the Job Training

Theatrical Performing Arts

<u>Major-Specific Required Electives</u>	<u>Major-Specific Recommended Electives- Continued</u>
Theater Arts (must take at least twice)	Advanced Theater Arts I
Technical theater (must take at least twice)	Professional Career Internship Leadership Career Internship
<u>Major-Specific Recommended Electives</u>	ICE On the Job Training
Beginning Chorus	Advanced Chorus I (Premier Edition)
Music History and Appreciation	Advanced Chorus II (Knight Rhythms)
Music Theory and Composition	

Fashion Design

<u>Major-Specific Required Electives</u>	<u>Major-Specific Recommended Electives-Cont</u>
Intro to 2D Art	Jewelry
Drawing	Professional Career Internship
Fashion and Textiles I	Leadership Career Internship
Fashion and Textiles II	ICE On the Job Training
<u>Major-Specific Recommended Electives</u>	Speech
Intro to 3D Art	Group Discussion
Painting	Interpersonal Relationships

HEALTH AND RELATED SERVICES

Pathway Majors and Career Opportunities

Health Care/Health Services - *phlebotomist, X Ray technician, fitness trainer, wellness consultant, sports medicine, athletic trainer, pharmaceutical technician, nurse, doctor, CAN, medical transcriptionist, vet, vet tech, geriatric care, pharmaceutical sales and*

Science research and Development - *forensics, product development, pharmaceutical development, prosthetics, zoology, botany, geology, pathology, oceanography, microbiology, virology*

BUSINESS AND INFORMATION TECHNOLOGY

Pathway Majors and Career Opportunities

Business Management and Entrepreneurship - *accountant, administrative assistant/secretary, advertising manager, agent (athlete/celebrity), auditor, bank manager, bank teller, bank loan officer, billing/collections representative, construction manager, corporate executive, credit analyst, financial manager, human resource manager, food services manager, insurance (actuary, adjuster, appraiser, claims manager, underwriter), management analyst/consultant, medical/health services manager, school or college administrator, operations manager, property manager, purchasing agent, purchasing manger, real estate appraiser, restaurant manager, retail sales manager, training manager, transportation manger*

Computer Information Systems - *operator, programmer, security specialist, support specialist, systems analyst, computer technician/repair, database administrator, medical records/health information technician, network systems/data communications analyst, video game designer, weapons systems officer (military)*

International Business - *international management, international accounting, international marketing, interpreter/translator, international finance, international insurance, international law, international logistics, international trade, international travel*

Marketing, Advertising, and Public Relations - *advertising sales, financial services sales, insurance sales, investment and commodities sales, marketing manager, market research analyst, meetings and convention planner, mom-technical sales representative, parts sales, public relations specialist, purchasing agent, real estate sales agent, retail sales manager, retail sales, technical sales representative, travel agent*

HEALTH AND RELATED SERVICES

Health Care/ Health Services

Research & Development

Major-Specific Required Electives

Nutrition and Wellness
Psychology
Chem I or Chem Pre-AP
Anatomy and Physiology
Interpersonal Relations

Major-Specific Recommended Electives

**8 credits of science before graduation encouraged*

**(any/all Math department classes are encouraged.)*

Adv. Child Dev. and Parenting
Human Development and Family Wellness
Child Development and Parenting
Microbiology
Genetics
Advanced Health
Research Projects
AP Chemistry
Sociology
Professional Career Internship
ICE On the Job Training
Direct Health Care
Health Occupations Education

Major-Specific Required Electives

Research Project- 2 terms
Probability and Statistics
Chemistry I or Chem Pre-AP
Interpersonal Relations

Major-Specific Recommended Electives

Computer Applications
Computer Applications, Adv.
Nutrition and Wellness
Adv. Nutrition and Foods
Child Development and Parenting
Adv. Child Dev. and Parenting
Human Development and Family Wellness
**(any/all Math department classes are encouraged.)*
Anatomy and Physiology
Microbiology
Genetics
AP Chemistry
Psychology
Sociology
Professional Career Internship
ICE On the Job Training
Health Occupations Education

BUSINESS AND INFORMATION TECHNOLOGY

Computer Information Systems

Business Management & Entrepreneurship

Marketing, Advertising, Public Relations

International Business

Major-Specific Required Electives

Computer Applications I
Computer Applications Advanced
Accounting I
Web Design

Major-Specific Recommended Electives

Business Foundations
Desktop Publishing
Communication Systems
Professional Career Internship
Leadership Career Internship
ICE On the Job Training
AP Economics
Probability & Statistics
Discrete Mathematics
AP Calculus
Foreign Language
Computer Information Technologies

Major-Specific Required Electives

Computer Applications I
Accounting I
Personal Finance
Business Foundations
Entrepreneurship

Major-Specific Recommended Electives

ICE On the Job Training
Professional Career Internship
Probability and Statistics
Speech, Debate, and Group Discussion
Foreign Language
Business and Personal Law
Interpersonal Relationships
Computer Applications, Adv.
Accounting II
Psychology and Sociology
AP Calculus
Discrete Mathematics
Business Math
Leadership Career Internship
Marketing Foundations
Business Technology Lab

Major-Specific Required Electives

Computer Applications
Accounting I
Business Foundations
Marketing Foundations

Major-Specific Recommended Electives

ICE or Prof. Career Internship
Business and Personal Law
Computer Applications Advanced
Desktop Publishing
Web Design
Creative Writing
Speech, Debate, and Group Discussion
Intro to 2D Art and Intro to 3D Art
Ethnic Studies
Interpersonal Relationships
Studio Art, AP
Psychology and Sociology
Leadership Career Internship
Accounting II
Foreign Language
Probability and Statistics
Discrete Mathematics
Business Technology Lab

Major-Specific Required Electives

Computer Applications I
Accounting I
Foreign Language- 4 credits
Business Foundations
Ethnic Studies

Major-Specific Recommended Electives

ICE On the Job Training
Probability and Statistics/ Discrete Mathematics
Speech, Debate, and Group Discussion
Business and Personal Law
Interpersonal Relationships
Computer Applications Advanced
Accounting II and Business Math
Psychology and Sociology
Accounting II
Recent US History
Russian History and Asian Studies
Middle Eastern Studies
Business Math
Professional Career Internship
Marketing Foundations

ENGINEERING, MANUFACTURING, AND TECHNOLOGY

Pathway Majors and Career Opportunities

Architecture and architectural Engineering - *agricultural engineer, architectural engineer, automotive engineer, computer engineer, construction engineer, computer engineer, industrial engineer, manufacturing engineer, marine engineer, mechanical engineer, product/process engineer, systems engineer, transportation engineer*

Construction Technology - *carpenter, concrete finisher, construction foreman/manager, construction inspector, contractor, design builder, electrician, equipments and material manager, general contractor/builder, heating ventilation, air conditioning refrigeration mechanic, mason, plumber, project inspector, project manager, roofer, safety director*

Engineering Technology - *agricultural technician, CAD technician, computer programmer, electronics technician, manufacturing technician, mechanical engineer, mining engineer, nuclear engineer, petroleum engineer, product/process engineer, survey technician, systems engineer*

Engineering - *application engineer, architectural engineer, automotive engineer, biomedical engineer, biotechnology engineer, chemical engineer, civil engineer, communications engineer, construction engineer, geothermal engineer, industrial engineer, nuclear engineer, systems engineer*

Manufacturing and Processing - *design engineer, electrical technologist, electronics engineer, engineering technician, industrial engineer, labor relations, manufacturing, precision inspector, grader, production manager, purchasing agent, supervisor*

Math/Physics - *analytical chemist, anthropologist, applied mathematician, archeologist, astrophysicist, atmospheric scientist, biologist, botanist, chemist, ecologist, economist, environmental scientist, geneticist, geologist, math teacher, meteorologist, nuclear chemist/technician, physicist, research technician, science teacher, statistician, and zoologist*

Transportation Service Technology - *air traffic controller, airplane pilot/co-pilot, bus driver, dispatcher, flight attendant, ship engineer, traffic manager, transportation manager, truck driver*

ENGINEERING, MANUFACTURING, AND TECHNOLOGY

Architecture & Architectural Engineering

Construction Technology

Engineering

Engineering Technology

Manufacturing & Processing

Transportation Service Technology

Major-Specific Required Electives

Intro to Two Dimensional Art
Physics
Construction Systems
Construction Processes
Computers in Design and Construction Systems
Construction Systems
PreCalculus

Major Specific Recommended Electives

Computer Applications
Computer Applications Advanced
Speech, Debate, Group Discussion
Business and Personal Law
Housing and Interior Design
Intro to 3 Dimensional Art
Physics II and AP Calculus
Landscaping Management
Ceramics, Sculpture, Drawing, Painting
Fundamentals of Engineering
Design Processes and Web Design
Studio Art, AP
Technology Systems
Construction (building) Trades
CAD Drafting
ICE On the Job Training
Professional Career Internship
Leadership Career Internship

Major-Specific Required Electives

Construction Systems
Construction Processes
Computers in Design and Construction Systems
Communications System

Major-Specific Required Electives

Business Math
Housing and Interior Design Foundations
Computer Applications
Computer Applications Advanced
Technology Systems
Accounting
Business Foundations
Heating, Ventilation, & Air Conditioning
CAD Drafting
Building Trades
I.C.E. Work On the Job Training

Major-Specific Required Electives

Calculus AB
AP Chemistry
Physics II

Major-Specific Recommended Electives

CAD Drafting
Foreign Language 3 years
Fundamentals of Engineering
AP Physics
Probability and Statistics
Drawing
Introduction to 2-D Art
Introduction to 3-D Art
Design Processes
Computers in Design & Construction Systems
Computer Applications
Computer Applications Advanced
Group Discussion
Interpersonal Relationships

Major-Specific Required Electives

PreCalculus
Computer in Design and Construction Systems
Fundamentals of Engineering

Major-Specific Recommended Electives

Chemistry or AP Chemistry
Physics I
Physics II
Probability/Statistics
CAD Drafting
Foreign Language 3 years
Drawing
Introduction to 2-D Art
Introduction to 3-D Art
Design Processes
Computer Applications
Computer Applications Advanced
Group Discussion
Interpersonal Relationships

Major-Specific Required Electives

Computer Applications
Manufacturing Systems
Manufacturing Processes
Business Foundations
Fundamentals of Engineering

Choose 4 electives from the list of Recommended Electives:

Communication Systems
Technology Systems
Physics
Business Math
Design Processes
Speech
CAD Drafting
Welding
Machine Trades

Major-Specific Required Electives

Communication Systems
Agriculture Mechanization
Business Foundations
Computer Applications

Major Specific Recommended Electives

Fundamentals of Engineering
Technology Systems
Business Foundations I
Business Math
Manufacturing Systems
Manufacturing Processes
Computer Applications Advanced
Accounting
Marine Mechanics
Automotive Technology

Math/Physics

Major-Specific Required Courses

PreCalculus
Calculus AB
Physics
Physics II

Major-Specific Recommended Courses

AP Chemistry
Probability and Statistics
Discrete Mathematics
For Math Majors, Physics is recommended
Professional Career Internship
Calculus BC

HUMAN AND SOCIAL SERVICES

Pathway Majors and Career Opportunities

Education - *Pre-School Teacher, Elementary School Teacher, Middle School Teacher, High School Teacher, Post-Secondary Education Teacher, Coach, Administrator, School Counselor, Vocational Teacher*

Law and Government - *Lawyer, Judge/Magistrate, Paralegal, Probation Officer, Politician, Homeland Security, Coroner, Immigration/Customs Inspector*

Personal Services - *Culinary Arts, Cosmetology, Restaurant Management, Recreation Manager, Hotel Management, Fitness Trainer, Dietician*

Protective Services - *Police/Correctional Officer, Fire Fighter, Emergency Medical Technician, Military, Conservation Officer, Department of Natural Resource Officer, Resource Officer, Security Guard, Homeland Security*

Social Services - *Psychologist, Counselor, Child Care, Funeral Director, Sociologist, Adult Protective Services*

HUMAN AND SOCIAL SERVICES

Social Services

<u>Major-Specific Required Electives</u>
Psychology
Sociology
<u>Complete Four Credits from the following courses</u>
Child Development & Parenting
Human Development & Family Wellness
Nutrition & Wellness
Interpersonal Relationships
<u>Major-Specific Recommended Electives</u>
**Professional Career Intern- ship
**ICE On the Job Training (* ** denotes highly recom- mended)
Computer Applications I
Computer Applications Advanced
Adv. Child Dev. & Parenting
Adult Roles & Responsibilities
Foreign Language, Ethnic Stud- ies
Advanced Nutrition & Foods
Anatomy & Physiology, Genetics
Probability and Statistics
Knight Mentors & Learning Part- ners
Citizenship and Civics

Education

<u>Major-Specific Required Electives</u>
Psychology
Sociology
Speech
Computer Applications I
Child Development & Parenting
<u>Major-Specific Recommended Electives</u>
***Cadet Teaching
***Career Internship
***ICE on the Job Training (* ** denotes highly recom- mended)
Computer Applications Advanced
Adv. Child Dev. & Parenting
Human Dev. /Family Wellness
Foreign Language
Learning Partner and Peer Tutor
Ethnic Studies
Children's Literature
Interpersonal Relationships
Genetics
Citizenship & Civics
Web Design
Adult Roles & Responsibilities
Probability and Statistics

Law & Government

<u>Major-Specific Required Electives</u>
Law Education
Psychology
Sociology
Debate
Computer Applications I
Interpersonal Relations
<u>Major-Specific Recommended Electives</u>
***Criminal Justice Vocational
***Career Internship (* ** denotes highly recommended)
Computer Applications Advanced
Chemistry, AP Chemistry
Genetics
Forensics
Microbiology
Accounting
Business and Personal Law
Speech and Group Discussion
Foreign Language
Ethnic Studies, Russian History, Asian Studies, Middle Eastern Studies, Citizenship and Civics

Personal Services

<u>Major-Specific Required Electives</u>
Business Foundations
Sociology
Computer Applications I
Interpersonal Relationships
<u>Major-Specific Recommended Electives</u>
***Cosmetology Vocational
***Culinary Arts Vocational
***Career Internship (* ** denotes highly recom- mended)
Adv. Computer Applications
Business Math
Accounting I
Accounting II
Foreign Language
Nutrition & Wellness
Advanced Nutrition & Foods
Chemistry
Ethnic Studies

Protective Services

<u>Major-Specific Required Electives</u>
Law Education
Psychology
Sociology
Advanced Physical Education
Interpersonal Relationships
<u>Major-Specific Recommended Electives</u>
***Criminal Justice Vocational
***Career Internship
***Foreign Language (* ** denotes highly recom- mended)
Chemistry, AP Chemistry
Genetics, Forensics, Microbiol- ogy
Accounting, Business Law
Debate, Group Discussion
Probability & Statistics, Discrete Mathematics
Middle East Studies, Ethnic Studies
Citizenship & Civics
Computer Applications I & Ad- vanced
Natural Resources
Lifesaving
Human Development and Family Wellness

NATURAL RESOURCES AND AGRI-SCIENCE

Pathway Majors and Career Opportunities

Animal Systems - *animal caretaker-poultry manager, aqua culturalist, dairy producer, equine manager, feed sales representative, livestock inspector, livestock producer, veterinary assistant, animal nutritionist, livestock geneticist, meat science researcher, wildlife biologist, veterinarian*

Agribusiness Systems - *Agricultural chemical dealer, agricultural products buyer-distributor, dairy herd supervisor, farm manager, feed-supply store manager, livestock manager, sales manager, agricultural economist, agricultural educator, farm investment manager, produce commission manager*

Environmental Systems - *environmental compliance assurance manager, hazardous materials handler/technician, health and safety sanitarian, pollution prevention and control technician, recycler, solid waste technician, agricultural educator, chemical engineer, environmental engineer, pollution prevention manager, solid waste manager, toxicologist*

Food Products and Processing Systems - *agricultural communications specialist, agricultural salesperson, food and drug inspector, food meal supervisor, food processor, meat cutter-meat grader, meat processor, produce buyer, dietician, microbiologist, bioengineer, bacteriologist, quality control specialist*

Natural Resource Systems - *commercial fisherman, fisheries technician, forest technician, geology technician, log grader, logger, park manager, pulp and paper manager, range technician, water monitoring, wildlife manager, agricultural educator, ecologist, fish and game officer, geologist, hydrologist, mining engineer*

Power, Structure, and Technical Systems - *communication technician, database administrator, electronic systems technician, equipment/parts manager, GPS technician, information lab specialist, machine operator, recycling technician, welder, agricultural applications software developer/programmer, agricultural educator, waste water treatment plant operator*

NATURAL RESOURCES AND AGRI-SCIENCE

<u>AgriBusiness Systems</u>	<u>Animal Systems</u>	<u>Environmental Systems</u>	<u>Food Products & Processing Systems</u>	<u>Natural Resources Systems</u>	<u>Power, Structures & Technical Systems</u>
<u>Major-Specific Required Electives</u>	<u>Major-Specific Required Electives</u>	<u>Major-Specific Required Electives</u>	<u>Major-Specific Required Electives</u>	<u>Major-Specific Required Electives</u>	<u>Major-Specific Required Electives</u>
Fundamentals of Ag Science and Business	Fundamentals of Ag Science and Business	Fundamentals of Ag Science and Business	Fundamentals of Ag Science and Business	Fundamentals of Ag Science and Business	Fundamentals of Ag Science and Business
Agribusiness Management	Agribusiness Management	Natural Resource Management	Food Science	Natural Resource Management	Animal Science
Agriculture Mechanization	Animal Science	Agriculture Mechanization	Agriculture Mechanization	Agriculture Mechanization	Agribusiness Management
Landscaping Management	Farm Business Management	Animal Science	Plant and Soil Science	Agribusiness Management	Agriculture Mechanization
<u>Major-Specific Recommended Electives</u>	<u>Major-Specific Recommended Electives</u>	<u>Major-Specific Recommended Electives</u>	<u>Major-Specific Recommended Electives</u>	<u>Major-Specific Recommended Electives</u>	<u>Major-Specific Recommended Electives</u>
Horticulture Science	Natural Resource Management	Horticulture Science	Horticulture Science	Horticulture Science	Natural Resource Management
Plant and Soil Science	Agriculture Mechanization	Plant and Soil Science	AP Biology	Plant and Soil Science	Horticulture Science
Animal Science	Supervised Agriculture Experience	Landscaping Management	Nutrition and Wellness	Landscaping Management	Plant & Soil Science
Food Science	Food Science	Agribusiness Management	Advanced Nutrition and Foods	Animal Science	Landscaping Management
Personal Finance	Zoology	Ecology	Animal Science	Ecology	Supervised Agriculture Experience
Business Math	Genetics	Botany	Agribusiness Management	Botany	Professional Career Internship
Business Foundations	AP Biology	Speech	Ecology	Microbiology	Leadership Career Internship
Interpersonal Relationships	Microbiology	Law Education	Botany	Zoology	ICE On the Job Training
Speech	AP Chemistry	Supervised Agriculture Experience	Manufacturing Systems	Speech	
Computer Applications	Ecology	Professional Career Internship	Manufacturing Processes	Supervised Agriculture Experience	
Genetics	Professional Career Internship	ICE On the Job Training	Supervised Agriculture Experience	Professional Career Internship	
Accounting I & II	ICE On the Job Training		Professional Career Internship	Leadership Career Internship	
Supervised Agriculture Experience			ICE On the Job Training	ICE On the Job Training	
Professional Career Internship					
ICE On the Job Training					