SPECIAL PROGRAMS

Special Programs
ARMY MILITARY SCIENCE

Army ROTC (Military Science)

CHAIRPERSON: LIEUTENANT COLONEL HAINES

Faculty
Professor: Major Ramsey

Wilkes University offers students the opportunity to participate in Army ROTC at nearby King's College through the Northeast Pennsylvania Officer Training Corps Battalion. The classes are given in Benjamin Hall at King's College, a five-minute walk north on Franklin Street from Wilkes University. Students who participate in this program do so without penalty to their full-time academic status at Wilkes University.

The primary objective of the Army Reserve Training Program is to develop leadership capabilities in students and to train future officers for the active Army, US Army Reserve, and the Army National Guard.

Army ROTC is a flexible program that can be tailored to the individual student’s schedule, particularly in the freshman and sophomore years. Military Science instruction is offered at King’s College with both two- and four-year programs leading to a commission as an officer in one of the three components of the United States Army.

To obtain a commission, qualified male and female students must pass a physical examination and complete either the two- or four-year program of Military Science courses. Students normally take one course per semester during their four-year course of study.

All students receiving ROTC scholarships, as well as juniors and seniors and some sophomores participating in Army ROTC, are contracted with the Army and receive a monthly stipend. The stipend starts as $300 per month during the freshman year, increases to $350 per month during the sophomore year, $450 during the junior year, and $500 during the senior year. The stipend is paid directly to the student each month that the student is in school.

The Army ROTC Department provides all uniforms, equipment, and textbooks required for the classes. In addition to the academic classes, students may also participate on a voluntary basis in many additional training opportunities such as physical training and hands-on equipment training each week. Each semester there is a military social event and at least one optional weekend training session that includes such events as military marksmanship, cross country orienteering, military rappelling, leadership application courses, and obstacle and confidence courses. During breaks and vacations, students may volunteer for active army training in such areas as military parachute operations, helicopter operations, military mountain climbing, and training with active Army units in the United States and overseas. All training is cost-free to the student, and students are paid for some summer training courses.

The ROTC program consists of two programs: 1) the Basic Course, normally given during the freshman and sophomore years and comprising MS 211, MS 212, MA 221, and MS 222, and 2) the Advanced Course, normally taken during the junior and senior years and comprising MS 231, MS 232, MS 241, MS 242, and MS 251.

Students who have completed basic training in any U.S. service may qualify for placement in the Advanced Course. Additionally, students who have not completed the ROTC Basic Course may qualify for the Advanced Course by attending a paid four-week Leadership Training Course conducted at Fort Knox, Kentucky.

Freshman and sophomore students may compete for two-, three-, and four-year ROTC scholarships that pay full tuition and up to $1200 per year for books. The Army will commission graduates as second lieutenants with a starting salary of over $40,000 per year, plus medical and dental benefits and 30 days paid vacation per year.

For more information on the Army ROTC program at Wilkes University, contact the Army ROTC Department at ext. 5301 or 570-208-5900, ext. 5301.

Basic Course

The Basic Course constitutes a two-year program for freshmen and sophomores and is designed to provide a basic level of military knowledge and a general knowledge of roles, organization, missions, and basic leadership techniques. The program consists of two one-credit and two two-credit courses. Students enrolled in the Basic Course who are not receiving Army ROTC scholarships incur no military obligations.

Army ROTC Basic Course

Required Courses and Recommended Course Sequence

First Semester Credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL-211</td>
<td>Concepts of Leadership I</td>
<td>1</td>
</tr>
<tr>
<td>MIL-251</td>
<td>Leadership Laboratory</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
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Second Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL-212</td>
<td>Concepts of Leadership II</td>
<td>1</td>
</tr>
<tr>
<td>MIL-252</td>
<td>Leadership Laboratory</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
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</tbody>
</table>

Third Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL-221</td>
<td>Dynamics of Leadership I</td>
<td>2</td>
</tr>
<tr>
<td>MIL-251</td>
<td>Leadership Laboratory</td>
<td>0</td>
</tr>
<tr>
<td></td>
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</table>

Fourth Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL-222</td>
<td>Dynamics of Leadership II</td>
<td>2</td>
</tr>
<tr>
<td>MIL-252</td>
<td>Leadership Laboratory</td>
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<td></td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

Army ROTC is a flexible program and variations of this schedule are possible. Sophomores and second-semester freshmen with no prior military experience may enroll in more than one basic level class under the ROTC Commissions Program. Students who have not completed the basic courses and have at least two years remaining until graduation may still apply for entry into the Advanced Course, but must qualify for advanced placement credit.

Advanced Course

Consists of two two-credit and six one-credit courses open to students who have three or four semesters of college remaining. Course credit values are shown with each course.

Army ROTC Advanced Course

Required Courses and Recommended Course Sequence
Fifth Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL-100</td>
<td>Physical Fitness Training</td>
<td>1</td>
</tr>
<tr>
<td>MIL-231</td>
<td>Military Leadership I</td>
<td>2</td>
</tr>
<tr>
<td>MIL-251</td>
<td>Leadership Laboratory</td>
<td>0</td>
</tr>
</tbody>
</table>

Sixth Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>MIL-100</td>
<td>Physical Fitness Training</td>
<td>1</td>
</tr>
<tr>
<td>MIL-232</td>
<td>Military Leadership II</td>
<td>1</td>
</tr>
<tr>
<td>MIL-252</td>
<td>Leadership Laboratory</td>
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</tr>
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</table>

Seventh Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL-100</td>
<td>Physical Fitness Training</td>
<td>1</td>
</tr>
<tr>
<td>MIL-241</td>
<td>Advanced Military Leadership I</td>
<td>2</td>
</tr>
<tr>
<td>MIL-251</td>
<td>Leadership Laboratory</td>
<td>0</td>
</tr>
</tbody>
</table>

MIL 251 & 252 (Leadership Laboratory) and MIL 100 (Physical Fitness Training) are mandatory for all cadets enrolled in the Army ROTC Advanced Course as well as ROTC scholarship recipients and must be taken concurrently with each Military Leadership course.

**Recommended Course Sequence**

Military Science (Army ROTC)..................................................................................11
OTHER SPECIAL PROGRAMS

Special Programs

Cooperative Education and Internships

Cooperative Education is a program that formally integrates a student’s studies with work experiences in employing organizations. Students may alternate semesters of full-time study and full-time professional work experience or they may combine work and study in the same term; in either case, students earn academic credit and, in many cases, a salary while gaining valuable experience in a work environment. Internships are available throughout the U.S. in the summer, spring, and fall, and assistance with internship placements is readily available to eligible students. Students are urged to explore the various possibilities with the Coordinator of Cooperative Education as early as the sophomore year.

Study Abroad

Study Abroad is an elective option open to all students in good academic standing who wish to study at foreign institutions. Earned academic credit may be applied toward the requirements for a bachelor’s degree at Wilkes. Overseas study may be for a period of a year, a semester, or a summer. Information regarding the specific programs available to Wilkes students is available from the Study Abroad Director and the Wilkes University Study Abroad website (http://www.wilkes.edu/academics/study-abroad/). Students who use tuition exchange must complete the “Consortium Financial Aid Agreement” form, available in the Office of the Registrar. Students must also complete all required application materials of the desired program before registering for Study Abroad. Course selection and preregistration take place with the student’s academic advisor in coordination with the Study Abroad Director. Students must complete the “Transfer Credit Request Form” (with all the appropriate signatures) and register for Study Abroad (IS 000) before conducting their study abroad. There is a $70 lab fee associated with IS 000.

Recommended Course Sequence
PRE-LAW STUDIES

Pre-Law Studies
Coordination Pre-Law Advisor: Dr. Kyle Kreider

Pre-Law Advisory Council: Professors Hepp, Kuhar, Whitman

Wilkes University has developed a carefully designed Pre-law Advisory Program, which has proved able to provide exceptionally effective support for students seeking admission to graduate schools of law. The Pre-Law Program at Wilkes is based on the principles that admission to, and success in, law school depends upon completion of a rigorous curriculum at the undergraduate level as well as an up-to-date understanding of the law school admission process. One of the greatest strengths of Wilkes University is its ability to provide students from different educational backgrounds with a sound education that prepares them for the challenges of leading professional schools.

Law schools do not prescribe a specific undergraduate major but rather suggest a broadly based educational program that enhances the student’s ability to reason, read analytically, and write effectively. Students interested in law school may major in any field, but the most frequently chosen areas are Political Science, English, History, and Business Administration. Majors such as Philosophy, Sociology, Nursing, Biology, Engineering, Computer Science, Psychology, and Earth and Environmental Sciences also provide appropriate preparation for legal studies. Indeed, a major in a technical field may be especially useful in particular aspects of legal practice.

Advising

Wilkes students are assigned to faculty advisors in the areas of their majors. These advisors guide them regarding degree requirements in particular fields. Pre-law students also consult with a designated pre-law advisor, who acquaints the students with aspects of legal study and practice. The pre-law advisor has available law school catalogs and information on the Law School Admission Test (LSAT). We strongly recommend that the LSAT be taken during the month of June between the junior and senior years of undergraduate study.

As the senior year approaches, the pre-law advisor can provide suggestions as to which law schools are most likely to admit students with particular academic records and LSAT scores. Most importantly, the pre-law advisor helps to overcome the myths that too often affect student thinking about law schools.

Recommended Course Sequence
PRE-MBA STUDIES

Pre-MBA Studies

The Jay S. Sidhu School of Business and Leadership offers a nationally accredited Master of Business Administration program that expands business knowledge, management skills, and leadership capability of current and future professionals from many disciplines, functions, and jobs to enhance their success at work, adding value both for the student and for the organizations with which the student is associated. The program offers advanced training in the functional areas of business and also provides the opportunity for specialization in a selected field through additional training in Accounting, Entrepreneurship, Finance, Health Care Administration, Human Resources Management, International Business, Marketing, Operations Management, or Organizational Leadership and Development. An M.B.A. degree is appropriate for students of any academic discipline who would like to receive the analytical and strategic skills they need to step confidently into the business world.

Undergraduate students who are interested in pursuing an M.B.A. degree can register for the Pre-M.B.A. Program during any year of undergraduate study. This program is designed to prepare students with a variety of academic backgrounds for the M.B.A. program. Undergraduate students may use undergraduate required and elective courses to satisfy M.B.A. prerequisite Foundation Courses. These courses, each bearing one credit, represent fundamental business competencies. Up to twelve credits may be waived. This gives students the opportunity to earn an undergraduate degree and an M.B.A. within five and one-half years. Listed below are the Foundation Competencies and the undergraduate course(s) that satisfy each.

<table>
<thead>
<tr>
<th>Foundation Competency</th>
<th>Undergraduate Course Equivalent(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial Accounting</td>
<td>ACC-161</td>
</tr>
<tr>
<td>Managerial Accounting</td>
<td>ACC-162</td>
</tr>
<tr>
<td>Finance</td>
<td>BA 341 or EGM 320</td>
</tr>
<tr>
<td>Management</td>
<td>BA 351, PHA 412 or ENT-201</td>
</tr>
<tr>
<td>Marketing</td>
<td>BA 321</td>
</tr>
<tr>
<td>Business Law</td>
<td>BA 233 or 234 or PHA 505</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>EC-101 or [PHA-509]</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>EC-102</td>
</tr>
<tr>
<td>International Business</td>
<td>BA-358</td>
</tr>
<tr>
<td>Statistics</td>
<td>BA-319, [PSY-200], [MTH-150] or [ENT-321]</td>
</tr>
<tr>
<td>Operations Management</td>
<td>BA 352 or EGM 336</td>
</tr>
<tr>
<td>Management Information Systems</td>
<td>BA 257 or ACC-341 or EGM 321</td>
</tr>
</tbody>
</table>

Students who enter the Pre-M.B.A. program will be counseled by a graduate advisor. Advising sessions are used as an opportunity to prepare students for entrance into the M.B.A. program through communication of student career ambitions and strengths and identification of course scheduling options. It is recommended that entrance into the program occurs within the freshman or sophomore years in order to maximize the number of Foundation Courses that will be waived upon degree completion. Students interested in the Pre-M.B.A. program should contact the Office of Graduate Studies at (570) 408-4235 or graduatestudies@wilkes.edu in order to arrange an appointment with a graduate advisor.

Recommended Course Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Administration</td>
<td>8</td>
</tr>
<tr>
<td>Accounting</td>
<td>7</td>
</tr>
<tr>
<td>Economics</td>
<td>9</td>
</tr>
<tr>
<td>Engineering Management</td>
<td>10</td>
</tr>
</tbody>
</table>

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ACC. ACCOUNTING

ACC-151. INTEGRATED MANAGEMENT EXPERIENCE I
Credits: 3
Terms Offered: Fall
Integrated Management Experience is a two-semester sequence that takes you through the entrepreneurial process from creating a business concept to planning the venture to launching and operating the business to harvest and closure of the firm. You learn how businesses plan and operate through the study of functional areas such as marketing, management, human resources, accounting and finance, and operations. Most importantly, you will learn and experience how the pieces fit together through integrating the functional areas tracking information and performance using financial accounting principles. Cross listed with ACC-151 and ENT-151.

ACC-152. INTEGRATED MANAGEMENT EXPERIENCE II
Credits: 3
Terms Offered: Spring
Integrated Management Experience is a two-semester sequence that takes you through the entrepreneurial process from creating a business concept to planning the venture to launching and operating the business to harvest and closure of the firm. You learn how businesses plan and operate through the study of functional areas such as marketing, management, human resources, accounting and finance, and operations. You develop a clear understanding of the importance of accounting cycles and how financial accounting principles provide not only information but an integrating thread for all types of organizations. Cross listed with BA-152 and ENT-152.

Pre-Requisites
ACC/BA/ENT 151.

ACC-161. FINANCIAL ACCOUNTING AND DECISION-MAKING
Credits: 3
This is a study of the nature, function, and environment of accounting, including the accounting information system, account analysis, and decision-making. The course provides an understanding of accounting issues and objectives for proper interpretation and analysis of financial accounting information.

ACC-162. MANAGERIAL ACCOUNTING AND DECISION-MAKING
Credits: 3
Managerial accounting is an internal tool used to generate information for managerial planning and control. Students will develop an understanding of operating and capital budgets, standard costs, incremental concepts, relevant costs, transfer pricing, and responsibility and profit center reports as a means of analysis as well as techniques of measurement.

Pre-Requisites
ACC-161.

ACC-201. INTERMEDIATE ACCOUNTING
Credits: 3
Terms Offered: Fall
A study of the accounting information system and the accounting standards applicable to corporate balance sheet accounts and their related counterparts that result in revenue and expense recognition on the income statement and statement of retained earnings. Course topics include the financial accounting standards, financial statement preparation, cash and receivables, inventories and cost of goods sold, and plant and depreciation.

Pre-Requisites
ACC-161.

ACC-202. INTERMEDIATE ACCOUNTING II
Credits: 3
Terms Offered: Spring
This course is a study of the accounting standards applicable to intangible assets, liabilities, and stockholders' equity. Also, it focuses on the application of generally accepted accounting principles that relate to various technical reporting areas within financial statements. Emphasis is placed on technical standards and the necessary disclosure requirements for these reporting areas. Course topics include earnings per share, securities that can dilute earnings per share, corporate investments, and accounting for corporate income taxes and pensions.

Pre-Requisites
ACC-201 with a minimum grade of 2.0.

ACC-219. FINANCIAL STATEMENT ANALYSIS
Credits: 3
This course will focus on corporate financial reporting, evaluation, financial planning, accounting policies and practices, and other current issues. The interplay between accounting and corporate finance will be emphasized. The course will teach you how to use financial statement information for firm valuation and other economic decisions. The course will also help you understand and analyze the issues that corporate managers face as they design and implement financial reporting strategies, increasing your ability to assess accounting quality. This course will provide you with tools to analyze and exploit information in corporate financial statements.

Pre-Requisites
ACC-162, SIN-240

ACC-301. ADVANCED FINANCIAL ACCOUNTING
Credits: 3
A comprehensive review and analysis for various accounting issues relating to corporate consolidations, partnerships, governmental units, non-profit organizations, estates, trusts, and bankruptcies. Extensive computerized applications are an integral part of this course.

Pre-Requisites
ACC-202 with a minimum grade of 2.0.
ACC-311. ADVANCED MANAGERIAL ACCOUNTING
Credits: 3
Terms Offered: Fall
Advanced treatment of managerial accounting topics with emphasis on generation, communication, and use of information to assist management in performance of the planning and control function. Information systems design, budgeting, variance analysis, and direct costing concepts are covered.

Pre-Requisites
ACC-162.

ACC-321. TAXES
Credits: 3
Terms Offered: Fall
Introduction to the Internal Revenue Code for individuals and sole-proprietorships. Preparation of individual tax returns based on the current tax law, regulations, and revenue ruling letters. Introduction to tax research using various traditional and electronic reference services.

Pre-Requisites
ACC-161.

ACC-322. ADVANCED TAXES
Credits: 3
Terms Offered: Spring
Introduction to certain tax laws as they apply to Corporations, S Corporations, and Partnerships. This involves developing a thorough understanding of tax research and how tax planning may help the financial entity to minimize tax liability.

Pre-Requisites
ACC-321.

ACC-331. AUDITING
Credits: 3
Terms Offered: Fall
To understand the most important concepts in auditing and how they are used in decision making, evidence accumulation and reporting. This entails understanding the concepts, methods, and processes of control that provide for the accuracy and integrity of financial data and the safeguarding of business assets, along with understanding the nature of attest services and the conceptual and procedural bases for performing them.

Pre-Requisites
ACC-202 with a minimum grade of 2.0.

ACC-341. ACCOUNTING INFORMATION SYSTEMS
Credits: 3
Terms Offered: Spring
To develop a solid understanding of and appreciation for the use of accounting information employed to process and sort business events so as to provide information for the functions of financial reporting, internal responsibility accounting, and decision support. This understanding includes applications via spreadsheets, databases, general ledgers, and the internet.

Pre-Requisites
ACC-162 and MGT-351.

ACC-362. ACCOUNTING INTERNSHIP
Credits: three or six
Pre-Requisites
ACC-202.

BA-119. DATA ANALYSIS IN EXCEL
Credits: 1
This course is designed to teach the basic and advanced features and functions of Excel, including summative, descriptive and reporting techniques. Students will also gain the knowledge of data manipulation and visual reporting. This one-credit class will meet multiple times each week, and will run for 5 consecutive weeks.

BA-151. INTEGRATED MANAGEMENT EXPERIENCE I
Credits: 3
Terms Offered: Fall
Integrated Management Experience is a two-semester sequence that takes you through the entrepreneurial process from creating a business concept to planning the venture to launching and operating the business to harvest and closure of the firm. You learn how businesses plan and operate through the study of functional areas such as marketing, management, human resources, accounting and finance, and operations. Most importantly, you will learn and experience how the pieces fit together through integrating the functional areas tracking information and performance using financial accounting principles. Cross listed with ACC-151 and ENT-151.

BA-152. INTEGRATED MANAGEMENT EXPERIENCE II
Credits: 3
Terms Offered: Spring
Integrated Management Experience is a two-semester sequence that takes you through the entrepreneurial process from creating a business concept to planning the venture to launching and operating the business to harvest and closure of the firm. You learn how businesses plan and operate through the study of functional areas such as marketing, management, human resources, accounting and finance, and operations. You develop a clear understanding of the importance of accounting cycles and how financial accounting principles provide not only information but an integrating thread for all types of organizations. Cross listed with ACC-152 and ENT-152.

Pre-Requisites
ACC/BA/ENT 151.

BA-153. MANAGEMENT FOUNDATIONS
Credits: 3
Management Foundations provides the framework for further study in accounting, business administration, and entrepreneurship programs. Functional areas of management are examined. This class is closed to freshmen and to any student who completed ACC/BA/ENT 151 and ACC/BA/ENT 152.

BA-319. BUSINESS STATISTICS
Credits: 3
Terms Offered: Fall
An introduction to the primary tools of research in business and economics; the collection, summarization, analysis, and interpretation of statistical findings relevant to business decisions. Two hours of lecture and one hour of individualized laboratory. Topics covered will include, but not be limited to, descriptive statistics, probability, sampling theory, hypothesis testing, and regression and correlation analysis. Cross-listed with EC-319.
BA-335. LAW AND BUSINESS
Credits: 3
This course provides a foundation for understanding how the law functions; the laws protecting consumers and employees; and the law of contracts, sales, and business organizations.

BA-336. ADVANCED TOPICS IN BUSINESS LAW
Credits: 3
Terms Offered: Spring
This course provides students with an understanding of select advanced topics in law, specifically those that have the greatest impact on business and accounting.

Pre-Requisites
BA-335

BA-337. LEGAL ASPECTS OF SPORT AND EVENT MANAGEMENT
Credits: 3
Introduces legal issues that confront contemporary organized athletics and sports management. Specific topics which are highlighted include impact of antitrust laws; personal services contracts; labor law; injury and liability; franchise and transfer rules; and tax aspects. Examines the role of legal services within sports organizations and in individual athlete representation.

Pre-Requisites
BA-335

BA-419. QUANTITATIVE DECISION MAKING
Credits: 3
This course is designed to build on the basics of introductory statistics so that the students understand how a variety of advanced statistical tools are used to support decision-making using business data. Students develop necessary skills to build models that conform the assumptions of the procedures. The course aims to provide more hands on experience. The topics that will be introduced include descriptive statistics, t-tests, ANOVA, simple linear regression, multiple linear regression, logistic regression and their applications on business data.

BA-461. BUSINESS STRATEGY AND DECISION-MAKING
Credits: 3
The first of a two-semester capstone experience. This course integrates the functional areas of business from the perspective of top management. Emphasis is on the role of management in the formation of strategic and long-range plans.

Pre-Requisites

BA-462. PROFESSIONAL BUSINESS EXPERIENCE
Credits: 3
Pre-Requisites
MKT-221, FIN-240, and MGT-251.

BA-463. THE BUSINESS FIELD AND RESEARCH EXPERIENCE
Credits: 3
This course allows the student to choose from a variety of professional opportunities. The student could perform research and writing in his or her major area. Such research must be approved by the instructor in advance. (The Undergraduate Thesis) The student may participate in a multidisciplinary capstone course that incorporates the application of business creation, development, and planning. It includes the application of business functions such as management, business strategy, marketing, accounting, finance, operations management, and sales. (The Business Incubator) The student could also visit several local organizations to conduct a live case comparison that spans industries and organizations as it pertains to his or her major area and faculty interests. (The Business Field Experience) Action learning gives students the opportunity to develop an understanding of the Sidhu School disciplines and business practices that are ethically and socially responsible.

Pre-Requisites
Senior class standing.

BA-464. INTERNATIONAL BUSINESS EXPERIENCE
Credits: 3
The course provides an overview of a Western European Society. A ten-day field trip in Western Europe is a major learning experience of the course. Site visits are made in a number of cities in European countries. Site visits include Cities, Regions, and Business and travel centers. Arrangements for travel are made during the fall, and travel in the spring. The purpose of the course is to create a global learning experience using Western Europe as a medium to facilitate the student’s understanding of the global business environment. Presentations, discussions, travel, observations, projects, as well as written papers will provide students with the opportunity to demonstrate their understanding and knowledge.

EC. ECONOMICS
EC-101. PRINCIPLES OF ECONOMICS
Credits: 3
Presents basic economic problems and shows how these problems are solved in a free enterprise economy; the effects of the increasing importance of the economic role of government; the nature of national income and the modern theory of determination; how money and backing, fiscal policy, and monetary policy fit in with income analysis and keep the aggregate system working. The course deals mainly with macroeconomic problems.

EC-102. PRINCIPLES OF ECONOMICS II
Credits: 3
Based upon a broad microeconomic foundation concentrating on such units as the consumer, the firm, and the industry. A general view of the free market system; the economics of the firm and resource allocation under different market structures; production theory; pricing and employment resources; economic growth and development.

EC-230. MONEY AND BANKING
Credits: 3
Three creditsA study of money, credit, and banking operations. Monetary standards, development of the American monetary and banking system. Recent developments in other financial institutions. Central banking and the Federal Reserve System; instruments of monetary control; international monetary relationships. (Cross-listed with BA-230.)
EC-320. THE ECONOMICS OF CRIME
Credits: 3
A study of the economic approach to crime and crime prevention. The course will apply economic analysis to such areas of interest as deterring crime, the impact of criminal activity, the allocation of crime-fighting resources, crimes against people, property crime, and victimless crimes. Controversial issues such as the desirability of the death penalty and gun control legislation will be featured.

Pre-Requisites
EC-102.

EC-330. PUBLIC FINANCE
Credits: 3
Fundamental principles of public finance, government expenditures, revenue, financial policies and administration, taxation, principles of shifting and incidence of taxation, public debts and the budget, fiscal problems of federal, state, and local government, the relation of government finance to the economy.

Pre-Requisites
EC-101 and 102.

EC-340. INTERNATIONAL TRADE AND FINANCE
Credits: 3
Classical and Neo-classical theories of trade; qualifications of the pure theory; new theories of trade; the transfer of international payments and the determination of foreign exchange rates; the balance of international payments; tariffs and other trade barriers; United States commercial policy and the General Agreement on Trade and Tariffs; current issues.

Pre-Requisites
EC-101 and 102.

EC-399. COOPERATIVE EDUCATION
Credits: 1-6
Professional cooperative education placement in a private or public organization related to the student’s academic objectives and career goals. In addition to their work experience, students are required to submit weekly reaction papers and an academic project to a Faculty Coordinator in the student’s discipline. (See the Cooperative Education section of this bulletin for placement procedures.)

Pre-Requisites
Sophomore standing, minimum 2.0 cumulative GPA, consent of academic advisor, approval of placement by department chairperson.

EGM. ENGINEERING MANAGEMENT

EGM-320. ENGINEERING PROJECT MANAGEMENT AND ANALYSIS
Credits: 3

Pre-Requisites
Junior standing in engineering.

EGM-321. QUANTITATIVE ANALYSIS AND PROGRAMMING METHODS
Credits: 3
Discussion of various quantitative analysis and optimization methodologies. Analytical numerical approaches are used in solving linear and nonlinear optimization problems. Emphasizes the development of ability in analyzing problems, solving problems by using software, and post solution analysis.

Pre-Requisites
Junior standing in engineering or consent of the instructor.

EGM-336. ENGINEERING AND MANAGEMENT MODELS
Credits: 3
Discussion of the techniques in and the art of modeling practical problems encountered by engineers and managers.

Pre-Requisites
Junior standing in engineering or consent of the instructor.

EGM-391. SENIOR PROJECTS I
Credits: 1
Design and development of selected projects in the various fields of engineering under the direction of a staff member. Technical as well as economic factors will be considered in the design. A detailed progress report is required.

Pre-Requisites
Senior standing in engineering, EGM-320

EGM-392. SENIOR PROJECTS II
Credits: 2
Design and development of selected projects in the field of engineering management under the direction of a staff member. Technical as well as economic factors will be considered in the design. A professional paper to be presented and discussed in an open forum is required.

Pre-Requisites
EGM-391
MIL. MILITARY SCIENCE (ARMY ROTC)

MIL-100. PHYSICAL FITNESS TRAINING
Credits: 1

U.S. Army Master Fitness trainers supervise a modern fitness program based on the latest military fitness techniques and principles. The classes are conducted on Monday, Wednesday and Friday at the King’s College Scandlon Fitness Center and are one hour each in duration.