

## AGLS - AG & LIFE SCIENCES (AGLS)

### AGLS 101 Modern Agricultural Systems and Renewable Natural Resources

**Credit 1. 1 Lecture Hour.** (AGRI 1131) Modern Agricultural Systems and Renewable Natural Resources. An introduction to modern agriculture and the natural, human and scientific resources upon which it depends. **Prerequisite:** Freshman or sophomore classification.

### AGLS 105 Research in Agriculture and Life Sciences

**Credit 1. 1 Lecture Hour.** An introduction to the research process as applied to agriculture, renewable natural resources and biological sciences. **Prerequisite:** Freshman classification, major in College of Agriculture and Life Sciences and approval of instructor.

### AGLS 125 Life Sciences Learning Community I

**Credits 0-1. 0-1 Lecture Hours.** Development of personal and professional competencies in the life sciences: learning styles, leadership skills, appreciation for the arts; ethics in science, problem solving skills, experimental design, data gathering and interpretation, introduction to life sciences literature, critical analysis skills, and the connectivity between life science disciplines. May be taken two times for credit. **Prerequisites:** Freshman classification and approval of instructor.

### AGLS 225 Life Sciences Learning Community II

**Credit 1. 1 Lecture Hour.** Continuation of the development of personal and professional competencies in the life sciences: ethics in science, problem solving skills, experimental design, data gathering and interpretation, examination of life sciences literature, critical analysis skills, and the connectivity between life science disciplines. May be taken two times for credit. **Prerequisites:** Freshman classification and approval of instructor.

### AGLS 235 Foundations of Money Education

**Credits 3. 3 Lecture Hours.** Preparation for a financially challenging world and introduction to concepts and methods of personal financial planning; financial planning process, time value of money, taxation, credit, housing, insurance, employee benefits, family economics and building a personal financial plan.

### AGLS 289 Special Topics in...

**Credits 1 to 4. 1 to 4 Lecture Hours.** Selected topics in an identified area of agriculture and life science. May be repeated for credit. **Prerequisite:** Freshman or sophomore.

### AGLS 292 Cooperative Education in Agriculture

**Credits 2. 4 Other Hours.** Educational work assignment by a student in the field of his or her career interest and course of study; supervision of the student by the cooperating employer and the instructor; a technical report, approved by the instructor, on a related subject area required. **Prerequisite:** Approval of the college coordinator of cooperative education.

### AGLS 301 College of Agriculture and Life Sciences Study Abroad

**Credits 1 to 18. 1 to 18 Other Hours.** For students in approved programs abroad. May be repeated for credit. **Prerequisites:** Admission to approved program and approval of academic dean.

### AGLS 335 Financial Readiness

**Credits 3. 3 Lecture Hours.** Personal financial planning for those planning on joining the military; preparation for a financially challenging world and introduction to the concepts and methods of personal financial literacy, budgeting, cash management, debt, credit, deployment finances, insurance, retirement planning, investing, estate planning and taxation. **Prerequisites:** Junior or senior classification.

### AGLS 392 Cooperative Education in Agriculture

**Credits 2. 40 Other Hours.** Educational work assignment by a student in the field of his or her career interest and course of study. Supervision of the student by the cooperating employer and the instructor; a technical report, approved by the instructor, on a related subject area required. **Prerequisite:** AGLS 292.

### AGLS 435 Financial Planning for Professionals

**Credits 3. 3 Lecture Hours.** Financial planning from a professional perspective; applying basic financial, economic and institutional concepts to advise individuals, families and small businesses in achieving their financial goals; tools and topics include financial analysis, budgeting, credit management, time value of money, investment strategies, income taxes, risk management, and retirement and estate planning. **Prerequisites:** AGEC 330, FINC 409 or FINC 341; junior or senior classification.

### AGLS 436 Insurance and Estate Planning

**Credits 3. 3 Lecture Hours.** Insurance and estate planning for individuals, families and small businesses; applies risk management principles to evaluate various insurance products, including life, disability, long-term care, health, homeowners, auto and liability; estate planning process, tools and considerations. **Prerequisites:** Grade of C or better in AGLS 435; junior or senior classification.

### AGLS 437 Tax Planning

**Credits 3. 3 Lecture Hours.** Applies the principles of income, gift and estate tax planning to enhance household income after taxes; understanding tax laws, reporting requirements and opportunities for planning; identify and implement useful tax planning strategies; focus on practical application for financial planning. **Prerequisites:** Grade of C or better in AGLS 435; junior or senior classification.

## AGLS 438 Investment Planning

**Credits 3. 3 Lecture Hours.** Applying investment principles considering families' goals, time horizons, risk tolerance and tax implications to build investment portfolios; attributes of various asset classes; asset allocation, selecting securities and portfolio management; developing successful investment programs for personal investors and financial planners. **Prerequisites:** Grade of C or better in AGLS 435 or concurrent enrollment; junior or senior classification.

## AGLS 439 Retirement Planning

**Credits 3. 3 Lecture Hours.** Retirement planning basics, qualified and nonqualified retirement plans, Social Security provisions and government healthcare plans along with the basics of employee benefits; focus on both quantitative (i.e., calculating retirement needs and plan limits) and qualitative (i.e., retirement age decisions, retirement income management) aspects of retirement. **Prerequisites:** Grade of C or better in AGLS 435, AGECE 330, FINC 409, or FINC 341; junior or senior classification.

## AGLS 441 Financial Planning Capstone

**Credits 3. 3 Lecture Hours.** Financial planning process, data gathering, approaches to financial planning, analysis of financial statements and client presentation; case analysis, ethics and professional conduct, use of financial planning software, advanced financial calculator usage, and Microsoft Excel applications. **Prerequisites:** Grade of C or better in AGLS 435, AGLS 436, AGLS 437, AGLS 438, and AGLS 439; junior or senior classification.

## AGLS 489 Special Topics in...

**Credits 1 to 4. 1 to 4 Lecture Hours.** Selected topics in an identified area of agricultural and life sciences.

## AGLS 492 Cooperative Education in Agriculture

**Credits 0 to 2. 40 Other Hours.** Educational work assignment by a student in the field of his or her career interest and course of study; supervision of the student by the cooperating employer and the instructor; a technical report, approved by the instructor, on a related subject area required.

**Prerequisite:** AGLS 392.