

College of Agriculture and Life Sciences
Policy on Allowing More than Once Concentration Within a Single Bachelor of Science (B.S.) Major

Background: Some MSU degree programs allow students to pursue, and get credit for, multiple concentrations within the same B.S. major. In cases where it has been permitted, students complete all required core coursework within the major, but may also opt to complete elective/required coursework within more than one concentration in that major (if offered). Information Technology Services (ITS) has modified the MSU Banner system such that it can display up to three concentrations for a single B.S. major. Students only get ONE B.S. degree upon graduation (unless truly a dual degree program), however, if they meet the requirements, credit for multiple concentrations within the major can show on the student's academic record and transcript; much like a minor or certificate. The College of Agriculture and Life Sciences allows B.S. degree programs to set their own standards of what they will allow in permitting students to pursue multiple concentrations within the same major provided that there are 15 credit hours or more difference between concentrations. The following outlines the approved departmental program opportunities for undergraduates to pursue multiple concentrations within the same major.

Department	Major and Allowable Concentration Combinations Within Each Major
Animal and Dairy Science	Animal and Dairy Science (ADS) Degree: Science/Veterinary Science, Business and Industry, and/or Production Management Concentrations
Agricultural and Biological Engineering	Agricultural Engineering Technology and Business (AETB) Degree: Natural Resource Environmental Management, Precision Agriculture, Enterprise Management, and/or Survey and Geomatics Concentrations.
Agricultural Economics:	Agribusiness (AGB) Degree: Not Allowed or Not Feasible. Environmental Economics and Management (EEM) Degree: No Individual Concentrations.
Biochemistry, Molecular Biology, Entomology and Plant Pathology	Biochemistry (BCH) Degree: Not allowed between or among the Pre-Health Professional (pre-medicine, pre-dental, pre-optometry, pre-pharmacy, pre-veterinary) and Science Concentrations. However, it is allowable between any single Pre-Health Professional/Science Concentration, Pre-MBA, Bioinformatics, Forensic Science, Entomology, and/or Plant Pathology Concentrations.
Food Science, Nutrition and Health Promotion	Food Science, Nutrition and Health Promotion (FSNH) Degree: Culinology, Food Safety, Food and Nutrition, Food Science – Science, and/or Food Science Technology – Processing Concentrations. Culinology (CULY) Degree: No Individual Concentrations.
School of Human Sciences:	Human Development and Family Studies (HDFS) Degree: Family Studies, Youth Studies, Child Studies, and/or Family and Consumer Science Teacher Education Concentrations. Agricultural Information Science (AIS) Degree: Not Allowed or Not Feasible. Agricultural Science (AGS) Degree: No Individual Concentrations (<i>uses Focus Areas</i>). Fashion Design and Merchandising (FDM) Degree: Merchandising, and Apparel Production and Design Concentrations.
Landscape Architecture:	Landscape Architecture (LA) Degree: No Individual Concentrations. Landscape Contracting (LAC) Degree: No Individual Concentrations.
Poultry Science	Poultry Science (PO) Degree: Production Systems, Business Management, Processed Products, and/or Pre-Veterinary Medicine
Plant and Soil Sciences	Agronomy (AGN) Degree: Integrated Crop Management, Integrated Pest Management, Agricultural and Environmental Soil Sciences, and/or Golf and Sports Turf Management Concentrations. Horticulture (HO) Degree: Floricultural and Ornamental Horticulture, Floral Management, and/or Fruit and Vegetable Production Concentrations. Environmental Science in Agricultural Systems (ESAS): No Individual Concentrations