

DSC

BACHELOR'S DEGREE PROGRAMS

Accounting, B.B.A.
Management, B.B.A.
Management Information Systems, B.B.A.
Marketing, B.B.A.
Operations Management, B.B.A.
Technology Management, B.A.S.
Early Childhood Education, B.S.
Social Work, B.S.W.
Biology, B.S.
Mathematics, B.S.

SCHOOL OF BUSINESS ADMINISTRATION

The School of Business Administration's primary goal is to provide students with the skills and attributes necessary to succeed in a competitive business environment. While our programs are designed to provide information to students in all the functional areas of business, we feel it is critical for students to develop excellent communication and problem solving skills. In addition, our students are expected to understand and appreciate the internationalization of commerce and the tremendous role of technology in today's business world. The School believes, as do most successful businesses, continuous improvement is the only way to provide quality service. We evaluate and revise our curriculum and teaching methods to meet the changing demands of the workplace.

DSC School of Business Administration Mission Statement

The School of Business Administration at Dalton State College provides high quality undergraduate business education programs that evolve with the economy; foster the success of traditional and non-traditional students in their professional careers; promote our faculty excellence in teaching, intellectual contributions and service; and contribute to economic development within the Northwest Georgia/Southeast Tennessee region.

The School meets the needs of our diverse stakeholders by adhering to our core values of academic excellence in business education, collaboration with the business community, and encouragement of lifelong pursuit of knowledge and understanding. To that end, this mission is expanded to internal and external constituents as follows:

To Our Students – The School seeks to create an academic environment emphasizing collaborative learning enhanced through innovative instruction which encourages student ownership of the learning process. We value each student as an individual and provide personalized attention to all students from admission, through classes and into their professional careers. All programs, while specifically designed to meet the unique requirements of our regional traditional and non-traditional students, ensure our graduates are not only competitive in the global economy but also embrace the concepts of lifelong learning and ethical behavior.

To Our Faculty and Staff – The School seeks to foster continuous professional growth for our faculty and staff by encouraging synergy between their individual professional goals and divisional goals. Intellectual contributions across the spectrum of pedagogical, practice-oriented and discipline-based forms are valued, as is the dissemination of knowledge through innovative teaching methodologies which encourage student ownership of the learning process.

To Our Community – The School recognizes its responsibility to help advance the economic base of the Northwest Georgia/Southeast Tennessee region. Our greatest contribution is providing regional employers with well-prepared graduates who demonstrate a lifelong love of learning. By reaching out to and working closely with the business community, we serve as a catalyst for intellectual, social, economic and technological advancement.

Admission to Upper Division

Admission to Upper Division is a prerequisite for enrolling in 3000-4000 coursework. Students are responsible for completing an upper division form and submitting it to the School office for approval. In order for a student to enroll in upper division courses the following conditions must be met.

BBA requirements

To be admitted into upper division coursework, students must:

1. Have a minimum of 45 hours in areas A-F, including all area F courses and Comm 1110.
2. Have a grade of C or better in all Area F courses, Math 2181, and English 1102.
3. Have an institutional GPA of 2.0 or better.
4. Have a cumulative GPA of 2.25 or better in Area F courses.
5. Successfully complete the RTP exam.

BAS requirements

To be admitted into the BAS degree program students must:

1. Have met all requirements for an AAS or an AAT degree with a minimum of 18 hours of technology credit supporting a technical expertise.
2. Have a minimum of 45 hours in areas A-F, including all area F courses and Comm 1110.
3. Have a grade of C or better in all Area F courses, Math 2181, and English 1102.
4. Have three years of demonstrated employment related to their technical expertise.*
5. Have an institutional GPA of 2.0 or better.
6. Have a cumulative GPA of 2.25 or better in Area F courses.
7. Successfully complete the RTP exam.

*BAS students must submit to the School Office a written summary of their work experience which details their three years of demonstrated employment in the area of their technical expertise.

Bachelor Degree Graduation Requirements

In order to receive a Bachelor degree in the School of Business Administration a student must meet the following criteria:

1. Students must complete a minimum of 120 semester hours of academic work in an approved program with one additional hour of physical education.
2. Students must complete a minimum of 39 hours in 3000-4000 courses.
3. Students must complete thirty semester hours in residence.
4. Students must pass all sections of the Regents' Exam.
5. Students must pass Senior Seminar (BUSA 4700).
6. Students must take the ETS Major Field Exam and concentration exit exams.

Internships and Cooperative Education

Although students are not required to have an Internship or Cooperative experience, they are strongly encouraged to do so. The School of Business Administration works with Academic Resources and local businesses to help students secure appropriate placement.

ACCOUNTING

Bachelor of Business Administration

The Bachelor of Business Administration in Accounting degree program focuses on the accounting aspects of business and prepares students to be effective decision-makers within the organization. Areas stressed within the accounting discipline include recording and reporting of financial data, understanding tax law and its effect on business decisions, auditing financial statements, and gathering and using data for planning and control within a managerial accounting context.

Course	Number		Credit Hours
AREA A Essential Skills			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	1111	College Algebra or	
	1113	Precalculus	3
AREA B Institutional Options			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology			
Lab Science Electives		BIOL 1105K,1107K,1108K,1203K,1224K, CHEM 1151K,1211K,1212K, GEOL 1121K, 1122K, PHYS 1111K,1112K,2211K,2212K	8
Elective		MATH 2181, 2253, 2254	3-4
AREA E Social Sciences			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
Electives		ANTH 1103, GEOG 1100, 1101, 1111, HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2013, 2204, 2250, SOCI 1101, 1160	6
AREA F Major Related			
ACCT	2101	Principles of Accounting I	3
ACCT	2102	Principles of Accounting II	3
BUSA	2106	Environment of Business	3
ECON	2105	Principles of Macroeconomics	3
ECON	2106	Principles of Microeconomics	3
MGIS	2201	Fundamentals of Computer Applications	3

BUSINESS CORE

*All 3000 and 4000 level classes **require admission** to upper division.

BUSA	3050	Business Statistics	3
BUSA	3060	Business Law	3
BUSA	4351	International Business*	3
COMM	3301	Business Communication	3
FINC	3056	Principles of Finance	3
MARK	3010	Principles of Marketing	3
MGIS	3351	Management Information Systems	3
MNGT	3051	Principles of Management	3
OPMT	3251	Principles of Operations Management	3

ACCOUNTING CORE

ACCT	3100	Financial Accounting and Reporting I	3
ACCT	3200	Financial Accounting and Reporting II	3
ACCT	3300	Tax Accounting and Reporting I	3
ACCT	4400	Planning and Control in the Corporate Environment	3

UPPER DIVISION ACCOUNTING ELECTIVES 12

UPPER DIVISION BUSINESS ELECTIVES 6

SENIOR REQUIREMENTS

BUSA	4700		1
MNGT	4701	Strategic Management/Policy	3

PHYSICAL EDUCATION

PHED		Activity Elective	<u>1</u>
		Total	121

* Students may take any upper division international course.

MANAGEMENT

Bachelor of Business Administration

The Bachelor of Business Administration in Management degree program is designed to prepare graduates for leadership roles in business and other management settings. The academic program is designed to give students the analytic and conceptual tools needed in successful management careers. This degree requires passing or exempting the Regents' Testing Program and proof of computer literacy.

Course	Number		Credit Hours
AREA A Essential Skills			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	1111	College Algebra or	
	1113	Precalculus	3
AREA B Institutional Options			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology			
Lab Science Electives		BIOL 1105K, 1107K, 1108K, 1203K, 1224K, CHEM 1151K, 1211K, 1212K, GEOL 1121K, 1122K, PHYS 1111K, 1112K, 2211K, 2212K	8
Elective		MATH 2181, 2253, 2254	3-4
AREA E Social Sciences			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
Electives		ANTH 1103, GEOG 1100, 1101, 1111, HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2013, 2204, 2250, SOCI 1101, 1160	6
AREA F Major Related			
ACCT	2101	Principles of Accounting I	3
ACCT	2102	Principles of Accounting II	3
BUSA	2106	Environment of Business	3
ECON	2105	Principles of Macroeconomics	3
ECON	2106	Principles of Microeconomics	3
MGIS	2201	Fundamentals of Computer Applications	3

BUSINESS CORE

*All 3000 and 4000 level classes **require admission** to upper division.

BUSA	3050	Business Statistics	3
BUSA	3060	Business Law	3
BUSA	4351	International Business*	3
COMM	3301	Business Communication	3
FINC	3056	Principles of Finance	3
MARK	3010	Principles of Marketing	3
MGIS	3351	Management Information Systems	3
MNGT	3051	Principles of Management	3
OPMT	3251	Principles of Operations Management	3

MANAGEMENT CORE

MNGT	4053	Human Resources Management	3
MNGT	4602	Leadership	3
MNGT	4605	Organizational Effectiveness	3
OPMT	4503	Quality Management Systems	3

UPPER DIVISION BUSINESS ELECTIVES

Any MNGT, BUSA 3055, MARK 3011, 3023, 4081, 4121, MGIS 3354, 4355, 4380, OPMT 4253, 4255	12
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UPPER DIVISION ELECTIVES

6

SENIOR REQUIREMENTS

BUSA	4700		1
MNGT	4701	Strategic Management/Policy	3

PHYSICAL EDUCATION

PHED		Activity Elective	1
		Total	<u>121</u>

* Students may take any upper division international course.

MANAGEMENT INFORMATION SYSTEMS

Bachelor of Business Administration

The Bachelor of Business Administration in Management Information System degree program will prepare graduates to meet the challenges of a career in management information systems. Career areas include computer programming, systems analysis and design, database administration, and end-user computing support. Careers in MIS are found in business, industry, and government. This degree requires passing or exempting the Regents' Testing Program and proof of computer literacy.

Course	Number		Credit Hours
AREA A Essential Skills			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	1111	College Algebra or	
	1113	Precalculus	3
AREA B Institutional Options			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology			
Lab Science Electives		BIOL 1105K,1107K,1108K,1203K,1224K, CHEM 1151K,1211K,1212K, GEOL 1121K, 1122K, PHYS 1111K,1112K,2211K,2212K	8
Elective		MATH 2181, 2253, 2254	3-4
AREA E Social Sciences			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
Electives		ANTH 1103, GEOG 1100, 1101, 1111, HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2103, 2204, 2250, SOCI 1101, 1160	6
AREA F Major Related			
ACCT	2101	Principles of Accounting I	3
ACCT	2102	Principles of Accounting II	3
BUSA	2106	Environment of Business	3
ECON	2105	Principles of Macroeconomics	3
ECON	2106	Principles of Microeconomics	3
MGIS	2201	Fundamentals of Computer Applications	3

BUSINESS CORE

*All 3000 and 4000 level classes **require admission** to upper division.

BUSA	3050	Business Statistics	3
BUSA	3060	Business Law	3
BUSA	4351	International Business*	3
COMM	3301	Business Communication	3
FINC	3056	Principles of Finance	3
MARK	3010	Principles of Marketing	3
MGIS	3351	Management Information Systems	3
MNGT	3051	Principles of Management	3
OPMT	3251	Principles of Operations Management	3

INFORMATION SYSTEMS CORE

MGIS	3352	Management Applications Programming I	3
MGIS	3353	Management Applications Programming II	3
MGIS	3354	Telecommunications Management	3
MGIS	4356	Database Management Systems	3
MGIS	4370	Systems Analysis and Design of Web-based MIS	3
MGIS	4380	Project Management	3

UPPER DIVISION BUSINESS ELECTIVES

Any MGIS, Any OPMT, BUSA 3055, MARK 4121, 4380, MNGT 4053, 4602	6
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UPPER DIVISION ELECTIVES

6

SENIOR REQUIREMENTS

BUSA	4700	Senior Seminar I	1
MNGT	4701	Strategic Management/Policy	3

PHYSICAL EDUCATION

PHED	Activity Elective	<u>1</u>
	Total	122

*Students may take any upper division international course.

MARKETING

Bachelor of Business Administration

The Bachelor of Business Administration in Marketing degree is designed to give graduates a foundation in the marketing process, which will prepare them for positions in marketing, professional sales, market research and advertising. The focus of the program involves development of marketing professionals who are knowledgeable about current and emerging trends in marketing. This degree requires passing or exempting the Regents' Testing Program and proof of computer literacy.

Course	Number		Credit Hours
AREA A Essential Skills			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	1111	College Algebra or	
	1113	Precalculus	3
AREA B Institutional Options			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology			
Lab Science Electives		BIOL 1105K,1107K,1108K,1203K,1224K, CHEM 1151K,1211K,1212K, GEOL 1121K, 1122K, PHYS 1111K,1112K,2211K,2212K	8
Elective		MATH 2181, 2253, 2254	3-4
AREA E Social Sciences			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
Electives		ANTH 1103, GEOG 1100, 1101, 1111, HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2103 2204, 2250, SOCI 1101, 1160	6
AREA F Major Related			
ACCT	2101	Principles of Accounting I	3
ACCT	2102	Principles of Accounting II	3
BUSA	2106	The Environment of Business	3
ECON	2105	Principles of Macroeconomics	3
ECON	2106	Principles of Microeconomics	3
MGIS	2201	Fundamentals of Computer Applications	3

BUSINESS CORE

*All 3000 and 4000 level classes **require admission** to upper division.

BUSA	3050	Business Statistics	3
BUSA	3060	Business Law	3
BUSA	4351	International Business*	3
COMM	3301	Business Communication	3
FINC	3056	Principles of Finance	3
MARK	3010	Principles of Marketing	3
MGIS	3351	Management Information Systems	3
MNGT	3051	Principles of Management	3
OPMT	3251	Principles of Operations Management	3

MARKETING SYSTEMS CORE

MARK	3011	Consumer Behavior	3
MARK	3570	Advertising and Promotional Strategy	3
MARK	4081	Marketing Management	3
MARK	4121	Marketing Research and Analysis	3

UPPER DIVISION BUSINESS ELECTIVES

Any MARK, BUSA 3055, MNGT 4501, 4602, MGIS 3354, 4380, OPMT 4253, 4503	12
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UPPER DIVISION ELECTIVES

6

SENIOR REQUIREMENTS

BUSA	4700	Senior Seminar I	1
MNGT	4701	Strategic Management/Policy	3

PHYSICAL EDUCATION

PHED	Activity Elective	<u>1</u>
	Total	121

*Students may take any upper division international course.

OPERATIONS MANAGEMENT

Bachelor of Business Administration

The Bachelor of Business Administration in Operations Management degree is designed to give students a rigorous background in three key areas of operations management (quality, integrated materials management, and information technology) in conjunction with course work found in traditional business curricula (marketing, finance, and management). This degree requires passing or exempting the Regents' Testing Program and proof of computer literacy.

Course	Number		Credit Hours
AREA A Essential Skills			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	1111	College Algebra or	
	1113	Precalculus	3
AREA B Institutional Options			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology			
Lab Science Electives		BIOL 1105K,1107K,1108K,1203K,1224K, CHEM 1151K,1211K,1212K, GEOL 1121K, 1122K, PHYS 1111K,1112K,2211K,2212K	8
Elective		MATH 2181, 2253, 2254	3-4
AREA E Social Sciences			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
Electives		ANTH 1103, GEOG 1100, 1101, 1111, HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2103, 2204, 2250, SOCI 1101, 1160	6
AREA F Major Related			
ACCT	2101	Principles of Accounting I	3
ACCT	2102	Principles of Accounting II	3
BUSA	2106	The Environment of Business	3
ECON	2105	Principles of Macroeconomics	3
ECON	2106	Principles of Microeconomics	3
MGIS	2201	Fundamentals of Computer Applications	3

BUSINESS CORE

*All 3000 and 4000 level classes **require admission** to upper division.

BUSA	3050	Business Statistics	3
BUSA	3060	Business Law	3
BUSA	4351	International Business*	3
COMM	3301	Business Communication	3
FINC	3056	Principles of Finance	3
MARK	3010	Principles of Marketing	3
MGIS	3351	Management Information Systems	3
MNGT	3051	Principles of Management	3
OPMT	3251	Principles of Operations Management	3

OPERATIONS MANAGEMENT CORE

BUSA	3055	Quantitative Methods	3
OPMT	4253	Integrated Materials and Supply Chain Management	3
OPMT	4255	Manufacturing Planning and Control	3
OPMT	4503	Quality Management Systems	3

UPPER DIVISION BUSINESS ELECTIVES

Any OPMT or MGIS	6
MNGT 4053, 4602, 3621	6

UPPER DIVISION ELECTIVES

6

SENIOR REQUIREMENTS

BUSA	4700	Senior Seminar I	1
MNGT	4701	Strategic Management/Policy	3

PHYSICAL EDUCATION

PHED	Activity Elective	<u>1</u>
	Total	121

*Students may take any upper division international course.

TECHNOLOGY MANAGEMENT*

Bachelor of Applied Science

The Bachelor of Applied Science in Technology Management degree is designed to provide applicants who have earned an Associate of Applied Science or Technology degree and completed 3 years work experience in their area of expertise the opportunity to continue their education. The BAS degree will prepare students to pursue a management position in the area of their AAS/AAT degree. The combination of a well founded technical education coupled with business courses will prepare graduates for both technical and managerial positions in a variety of business settings. This degree requires passing or exempting the Regents' Testing Program and proof of computer literacy.

Course	Number		Credit Hours
Associate of Applied Science or Associate of Applied Technology Credits			
Technology Credits			18
General Education Core			
AREA A Essential Skills			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	1111	College Algebra or	
MATH	1113	Precalculus	3
AREA B Institutional Options			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology			
Lab Science Electives		BIOL 1105K, 1107K, 1108K, 1203K, 1224K, CHEM 1151K, 1211K, 1212K, GEOL 1121K, 1122K, PHYS 1111K, 1112K, 2211K, 2212K	8
Elective		MATH 2181, 2253, 2254	3-4
AREA E Social Sciences			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
Electives		ANTH 1103, GEOG 1100, 1101, 1111, HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2103, 2204, 2250, SOCI 1101, 1160	6

AREA F Major Related

ACCT	2101	Principles of Accounting I	3
ACCT	2102	Principles of Accounting II	3
BUSA	2106	Environment of Business	3
ECON	2105	Principles of Macroeconomics	3
ECON	2106	Principles of Microeconomics	3
MGIS	2201	Fundamentals of Computer Applications	3

Business Core

*All 3000 and 4000 level classes require admission to upper division.

BUSA	3050	Business Statistics	3
BUSA	3060	Business Law	3
BUSA	4351	International Business**	3
COMM	3301	Business Communication	3
FINC	3056	Principles of Finance	3
MARK	3010	Principles of Marketing	3
MGIS	3351	Management Information Systems	3
MNGT	3051	Principles of Management	3
OPMT	3251	Principles of Operations Management	3

UPPER DIVISION BUSINESS CONCENTRATION 12

Select one of the following concentrations.

Management***		Management Information Systems***		Marketing***		Operations Management***	
MNGT	4053	MGIS	3354	MARK	3011	BUSA	3055
MNGT	4602	MGIS	3360	MARK	3570	OPMT	4253
MNGT	4605	MGIS	4356	MARK	4081	OPMT	4255
OPMT	4503	MGIS	4370	MARK	4121	OPMT	4503

SENIOR REQUIREMENTS

BUSA	4700		1
MNGT	4701	Strategic Management/Policy	3

PHYSICAL EDUCATION

PHED		Activity Elective	1
		Total	122

* BAS students must submit to the Division office a written summary of their work experience which details their three years of demonstrated employment in the area of their technical expertise.

** Students may take any upper division international course.

*** One approved upper division business course substitution allowed.

SCHOOL OF EDUCATION

Mission Statement: *Preparing Educators for a Diverse Community of Learners*

The School of Education's mission is *to prepare competent, collaborative, caring and reflective educators who are committed to excellence in their profession*. The Professional Teacher Education Programs are developed collaboratively with public school partners who believe that connecting theory and practice prepares future teachers to raise diverse learners' academic achievement. The curriculum integrates quality academic preparation and supervised field experiences in culturally diverse public school settings. Teacher candidates completion of the programs ensure beginning teachers are effective and possess a strong academic background, in both content and pedagogy; are able to collaborate with parents and community; are caring advocates of learners; and are reflective practitioners who utilize best teaching practices to positively affect student achievement. Teacher candidates in the Education programs share a commitment and belief that professional educators can make a difference in the lives of young people.

The Teacher Education Programs are accredited by the National Council for Accreditation of Teacher Education and the Georgia Professional Standards Commission. In fall, 2008 Dalton State College is seeking approval from the Georgia Professional Standards Commission to offer a level 4 (T4) certificate in Mathematics (grades 6-12) and Biology (grades 6-12). The programs combine a strong liberal arts core, professional education courses, and practical field experiences. Each teacher candidate is provided multiple opportunities to observe, practice, and evaluate instructional theories, including various instructional technologies in a public school setting. The programs are developed to the Georgia 2000 Standards for the Approval of Professional Education Units and Programs, and the Interstate New Teacher Assessment and Support Consortium Principles.

Certification:

The Georgia Professional Standards Commission awards professional educator certificates in Georgia. Dalton State College offers the Early Childhood Education and ESOL programs designed to qualify teacher candidates for the level 4 (T4) professional certificate in Early Childhood Education (Grades PK-5) and an endorsement (grades 1-12) in English to Speakers of Other Languages (ESOL).

Georgia House Bill 671 requires that after July 1, 1976, any person certified as a teacher should have completed satisfactorily requirements in the identification and education of children who have special needs.

Georgia House Bill 1187 requires that after June 30, 2001, all candidates applying for their first Georgia professional certificate shall demonstrate satisfactory proficiency on a PSC-approved test of computer skill competency or complete a PSC-approved training/course equivalent.

Note: The educational requirements of all programs are designed to enable one to meet present certification assessment(s) required by the Professional Standards Commission; however, the Professional Standards Commission may change required certification assessment(s) prior to the completion of the course of study. While reasonable efforts will be made to enable one to satisfy additional requirements, no assurances can be made that the College will be

able to offer these additional courses, or, if taken, that such courses will entitle one to take and pass the certification assessment(s). Prior to receiving a Dalton State College recommendation for clear, renewable certification, the appropriate certification assessment(s) required by the Professional Standards Commission must be completed and passed. The candidate has the responsibility to register for the appropriate certification assessments.

Admission to Teacher Education Programs

Admission and acceptance to the Professional Teacher Education Programs are prerequisites to enrollment in professional education courses. Teacher candidates should file the application for admission with the School of Education. Admission to the program is based on meeting specific requirements. The requirements and procedures for application are on the School's website <http://www.daltonstate.edu/education> and also are available in the School of Education office.

1. Admission into Education Programs Candidate Appeal:

Teacher Candidates seeking admission to the Professional Teacher Education Programs who do not meet the admission requirements may appeal their admission status. Teacher Candidates can submit an appeal packet (www.daltonstate.edu/education) to the School of Education office. The School's Appeals Committee meets to evaluate the Teacher Candidate's appeal. The Candidate is notified of the results in writing. If the School's Appeal Committee rejects the appeal, the Candidate may appeal to the Dean of the School of Education. If the Dean rejects the appeal, the Candidate follows the Dalton State College Appeals process.

2. Criminal Background Check

Candidates enrolled in EDUC 2110, EDUC 2120, EDUC 2130 and all upper division professional education courses are required to submit a criminal background check document to the School of Education office prior to placement in school sites.

3. Liability Insurance

Candidates enrolled in EDUC 2110, EDUC 2120, EDUC 2130 and all upper division professional education courses are required to submit proof of professional tort liability insurance prior to placements in school sites. Tort liability insurance can be obtained through professional organizations or from some other source. Each candidate, **not Dalton State College**, is responsible for what he/she does while participating in professional field experiences. Financial penalties can be extreme, particularly when public school students are injured.

4. Practicum/Internship Fee

A fee is associated with Field Experiences and Internship in the Professional Teacher Education Programs at Dalton State College. The total fee (\$250.00) is to provide honoraria to school professionals who assist candidates in their field placements, and is assessed each semester.

5. Education Program Completion Requirements

1. See specific bachelor's degree program as applicable.
2. A course in special education is required by Georgia House Bill No. 671.

3. Candidates must make a grade of “C” or above in EDUC 2110, EDUC 2120, EDUC 2130 and in all professional education sequence courses, in teaching field courses, and in supporting courses for the teaching field. (See program sheets.)
4. Candidates must complete field experiences with a grade of “S”.
5. Candidates must meet the minimum score on Field assessments as required by the School of Education.
6. Prior to receiving a Dalton State College recommendation for certification, candidates must post a passing score on the appropriate certification licensure assessment(s) required by the Professional Standards Commission. Candidates must complete the professional education programs of study at Dalton State College. In all cases, the appropriate certification assessment(s) will be required.

Field Experiences and Internship

Candidates enrolled in the Teacher Education Programs participate in field experiences and Internship (student teaching) in public school classrooms appropriate to the candidate’s certification and/or endorsement.

Candidates must earn a grade of “C” or above in all professional education courses (early childhood, ESOL and secondary); must meet the minimum ratings on field assessments for the sequences of courses in which they are enrolled; and must complete the professional education courses prior to proceeding to the next sequence of professional education courses.

Candidates must complete the professional education courses prior to Internship (student teaching). Teacher candidates enrolled in Internship are limited to 12 hours (8 hours of Internship, 1 hour Internship Seminar, and one 3 hour course). See program sheet. Candidates must meet the minimum ratings on field assessments as required by the School of Education.

Early Childhood Education Baccalaureate Degree Admission Requirements:

Admission to the Professional Teacher Education Programs is a prerequisite to enrollment in the Professional Education courses. Eligibility requirements for teacher candidates seeking a B.S. degree in Early Childhood Education with an endorsement in ESOL include the following:

- Completion of Area A-F Core Requirements in Early Childhood Education
- Completion of Area A-F with a grade of C or above
- Grade point average of 2.7 cumulative in academic work
- Proficiency in oral communication as demonstrated by satisfactory oral communication in *COMM 1110* and EDUC 2210, a grade of C or better in *COMM 1110*, and/or other means determined by the department (interviews or tapes of oral communications)
- Pass the Georgia Regents’ Exam
- Completion of any other additional requirements specified by the School of Education, (e.g., a departmental interview)
- Meet the minimum passing score of the *GACE (Georgia Assessments for the Certification of Educators) Basic Skills Assessment (www.gace.nesinc.com/)* or provide evidence of exemption (SAT=1000 or ACT=43).

Early Childhood Post-Baccalaureate Admission Requirements:

Admission to the Professional Teacher Education Programs is a prerequisite to enrollment in the Professional Education courses. Eligibility requirements for potential teacher candidates seeking initial certification in Early Childhood Education with an endorsement in ESOL include the following:

- Satisfactory completion of five courses and relevant field experiences identified by the School of Education as prerequisites (or equivalent) to enrollment in the Professional Teacher Education Program with a grade of “C” or above:
 - EDUC 2110 *Investigating Critical and Contemporary Issues in Education*
 - EDUC 2120 *Exploring Socio Cultural Perspectives on Diversity*
 - EDUC 2130 *Exploring Teacher and Learning*
 - ISCI 2001 *Life/Earth Science*
 - ISCI 2002 *Physical Science*
 - MATH 2008 *Foundations of Numbers and Operations*
- Grade point average of 2.7 cumulative in academic work (includes prerequisite courses and last 60 hours of bachelor's or above courses)
- Meet the minimum passing score of the *GACE (Georgia Assessments for the Certification of Educators) Basic Skills Assessment (www.gace.nesinc.com/)* or provide evidence of exemption (SAT=1000 or ACT=43)

Education Blocks

Teacher Candidates enter the Professional Teacher Education Program in fall semester in a cohort. The professional programs are delivered in sequential blocks (semesters) as follows: Fall Semester: Block I; Spring Semester: Block II; Summer Block; Fall Semester: Block III; and Spring Semester: Block IV. The block arrangement applies to both the Early Childhood and ESOL programs. Block courses are taken concurrently and are connected through common field experience requirements. The block schedule is posted on-line and can be viewed in the School of Education's office.

Teacher Candidates enrolled in the Division's programs register concurrently for Block I: EDUC 3101, EDUC 3271, MATH 3803, EDUC 3287, EDUC 3263, and EDUC 3285; Block II: READ 3262, EDUC 4263, EDUC 4261, MATH 3703, ESOL 4240, and EDUC 3286; Summer Block: EDUC 3214 and ESOL 4242 (optional); Block III: EDUC 4251, EDUC 4262, READ 4251, MATH 4713, ESOL 4241 and EDUC 4284; Block IV: READ 3251, EDUC 4286 (Internship), and EDUC 4289 (Internship Seminar).

Admission Requirements for Secondary Education Certification:

Admission to the Secondary Professional Education program is a prerequisite to enrollment in the secondary Professional Education courses. Eligibility requirements for teacher candidates seeking certification in Secondary Biology or Secondary Mathematics include the following:

- Completion of Area A courses with a grade of “C” or above.
- Grade point average of 2.7 cumulative in academic work.

- Proficiency in oral communication as demonstrated by satisfactory oral communication in *COMM 1110* and *EDUC 2110*; a grade of “C” or above in *COMM 1110*, and/or other means determined by the department (interviews or tapes of oral communications)
- Pass the Georgia Regents’ Exam
- Grade of “C” or above in the following courses: *EDUC 2110 Investigating Critical and Contemporary Issues in Education* and laboratory field experiences; *EDUC 2120 Exploring Socio Cultural Perspectives on Diversity* and laboratory field experiences; and *EDUC 2130 Teaching and Learning* and laboratory field experiences.
- Completion *BIOL 1107K Principles of Biology I*, and *BIOL 1108K Principles of Biology II* with a grade of “C” or above.
- Completion of any other additional requirements specified by the School of Education (e.g., a departmental interview)
- Meet the minimum passing score of the *GACE (Georgia Assessment for the Certification of Educator) Basic Skills Assessment* (www.gace.nesinc.com/) or provide evidence of exemption (SAT=100 or ACT=43).

Multimedia Classrooms

Dalton State College has integrated multimedia technology into a majority of its teaching classrooms on the Dalton State campus. The multimedia classrooms allow the instructor and candidates to use a VCR or computer through a large screen projection system. The systems generally are used to show educational videotapes, computer generated slide presentations, and educational web sites. Each of the multimedia classrooms has a wireless mouse so the instructor or student can control the computer while roaming the classroom. Each classroom also contains a switch box that allows a user to easily connect a laptop computer and use the existing projector with the turn of a switch. Each computer is connected to the Internet.

Computer Labs

Dalton State College provides computer labs for classroom instruction and candidate use. These labs are for educational use only and should not be used for recreational purposes. For hours of operation, detailed hardware and software descriptions, and general lab information, contact the Office of Computing and Information Sciences.

SCHOOL OF EDUCATION

B.S. in Education Degree with a Major in Early Childhood Education:

Optional: ESOL Endorsement

Initial Certification in Early Childhood Education: Optional: ESOL Endorsement (see School of Education office for program sheet)

The Professional Teacher Education program in Early Childhood/Elementary Education prepares teacher education candidates to teach children in pre-kindergarten school settings through fifth grade. The ESOL endorsement prepares teacher education candidates to teach children in grades 1-12 in an ESOL classroom. Admission to the Teacher Education program is required for enrollment in the blocked sequence of professional courses. A full year of field experiences in public schools occurs throughout the professional education courses. Teacher candidates in this program also can acquire two concentrations (Mathematics, Science, and Reading) by completing courses that are integrated in Area F and the professional sequences of courses. Satisfactory completion of the Professional Teacher Education Program and the required State of Georgia proficiency exam (GACE Early Childhood Education Content Assessment) will allow the teacher candidate to be recommended to state licensure.

The ECE program in the School of Education prepares undergraduate students to meet the 10 INTASC principles (<http://www.ccsso.org/nextstep.html#intasc>).

The optional ESOL endorsement meets the TESOL standards.

Course	Number		Credit Hours
AREA A Essential Skills (must make "C" or above)			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	1111	College Algebra	3
AREA B Institutional Options			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, ***PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts			
English Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131;	3
Humanities Electives		HUMN 1201, MUSC 1100, or THEA 1100	3
AREA D Science/Mathematics/Technology			
Lab Science Electives		*BIOL 1105K, 1107K, 1108K, 1203K, 1224K, CHEM 1151K, 1211K, 1212K, GEOL 1121K, 1122K, PHYS 1111K, 1112K, 2211K, 2212K	8
Elective		ASTR 1101, *BIOL 1105K, 1203K, 1224K, CHEM 1151K, CMPS 1130, 1301, 1302, GEOL 1121K, MATH 1113, 2181, 2200, 2253	3-4

AREA E Social Sciences

HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
PSYC	1101	**Introduction to Psychology	3
Electives		ANTH 1103, ECON 2105, 2106, *** GEOG 1100, 1101 , or 1111 , HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 2101, 2204, 2250, SOCI 1101, 1160	3

AREA F Major Related (must make "C" or above)

EDUC	2110	Investigating Critical and Contemporary Issues in Education (includes 10 hr. practicum)	3
EDUC	2120	Exploring Socio Cultural Perspectives on Diversity (includes 10 hr. practicum)	3
EDUC	2130	Exploring Teaching and Learning (includes 10 hr. practicum)	3
MATH	2008	Foundations of Numbers and Operations	3
ISCI	2001	Life/Earth Science	3
ISCI	2002	Physical Science	3

PHYSICAL EDUCATION

PHED		Activity Elective	1
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* Pre-requisite for ISCI 2001.

** Pre-requisite for EDUC 2110, EDUC 2120 and EDUC 2130 (must make "C" or above
in PSYC 1101)

*** Required for Certification

Courses in **BOLD** are recommended.

Professional Education**Block I** **16**

EDUC	3101	Teaching Students who are Excep./Diverse/At Risk	3
EDUC	3271	Classroom Management	3
MATH	3803	Algebra for Teachers	3
EDUC	3287	Curriculum & Assessment	3
EDUC	3263	Teaching Content & Process: Lang. Arts	3
EDUC	3285	Professional Seminar & Field Experiences - Block I <i>2 days per week field experience</i>	1

Block II **16**

READ	3262	Teaching Content & Process: Reading	3
EDUC	4263	Teaching Content & Process: Math	3
EDUC	4261	Teaching Content & Process: Social Studies	3
MATH	3703	Geometry for Teachers	3
ESOL	4240	Applied Linguistics for Teachers of ESOL	3
EDUC	3286	Professional Seminar & Field Experiences - Block II <i>2 days per week field experience</i>	1

Summer Semester Block **6**

EDUC	3214	Exploring Activities: PE/Art/Music	3
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EDUC 4242	Culture and Education	3
Block III		16
EDUC 4251	Assessment & Correction: Math	3
EDUC 4262	Teaching Content & Process: Science	3
READ 4251	Assessment & Correction: Reading	3
MATH 4713	Probability & Statistics for Teachers	3
ESOL 4241	Methods of Teaching ESOL	3
EDUC 4284	Professional Seminar & Field Experiences - Block III	1
	<i>2 days per week field experience</i>	
Block IV		12
READ 3251	Children's Literature	3
EDUC 4286	Internship	8
EDUC 4289	Internship Seminar	1
	<i>15 weeks in field experience</i>	

Bachelor of Social Work Requirements

In order for B.S.W. students to enroll in the upper division classes they must have:

- A) Successfully completed the A.A. in Social Work degree.
- B) Met the prerequisites for upper-division coursework and submitted a completed application for admission to the B.S.W. upper division.
- C) An institutional GPA or 2.0 or greater.

SOCIAL WORK

Bachelor of Social Work

This program will prepare graduates to enter generalist social work practice under professional supervision in a variety of social service and health care settings, placing special emphasis on the needs of the most prominent cultural groups in the North-west Georgia area - Appalachian persons and the recently arrived Hispanic-Latino population. Attainment of at least a third-year level of Spanish language skill and knowledge of Hispanic-Latino cultures are integral elements of the curriculum. Each student will have the opportunity to participate in a Spanish-language immersion experience, ordinarily and preferably in Latin America, for the courses SOWK 3003, Spanish for the Social Services, and SOWK 4301, Latino Family and Culture. Full accreditation by the Council on Social Work Education has been granted (June '07). The DSC BSW will prepare its graduates to compete successfully for admission to accredited Master of Social Work programs at the advanced-standing level and to exempt the first year of study in the two-year terminal degree program in Georgia and throughout the United States. This degree requires passing or exempting the Regents' Testing Program and proof of computer literacy.

Course	Number		Credit Hours
I. CORE CURRICULUM			
AREA A Essential Skills			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	1111	College Algebra or	
MATH	1001	Quantitative Skills & Reasoning	3
AREA B Institutional Options			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology			
Lab Science Electives		BIOL 1105K, 1107K*, 1108K*, 1203K, 1224K, CHEM 1151K, 1211K, 1212K, GEOL 1121K, 1122K, PHYS 1111K, 1112K, 2211K, 2212K8	8
Elective		ASTR 1101, BIOL 1105K, 1203K, 1224K, CHEM 1151K, CMPS 1130, GEOL 1121K, MATH 1113, 2181, 2200*, 2253, 2254	3-4

AREA E Social Sciences

HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
PSYC	1101	Introduction to Psychology	3
Electives		ANTH 1103, ECON 1101, 2105, 2106, GEOG 1100, 1101, 1111, HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 2101, 2103, 2204, 2250, SOCI 1160*	3

AREA F Major Related

SOCI	1101	Introduction to Sociology	3
SOWK	2101	Profession of Social Work	3
SOWK	2102	The History of Social Welfare	3
SOWK	3004	Advanced Spanish for Social Work I and	
SOWK	3005	Advanced Spanish for Social Work II or	6
HIST	3350	Appalachian History and	
SOWK	3505	(Social Work Practice with App. Clients)	6
SPAN	1002	Elementary Spanish II	3
SPAN	2001	Intermediate Spanish I	3
Electives		ANTH 1103, CMPS 1130, COMM 2000, 2110, 2240, CRJU 1100, CRJU 2231, ECON 2105, 2106, POLS 2101, 2201, 2301, 2401, PSYC 2101, 2103, 2204, 2250, SOCI 1160, 2293, SOWK 2002, 2103	3

PHYSICAL EDUCATION

PHED		Activity Elective (PHED 1005*)	1
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II. UPPER LEVEL COURSES

SPAN	2002	Intermediate Spanish II or SOWK 2002 Language & Culture for Social Work	3
SOWK	3003	Spanish for the Social Services	3
SOWK	3004	Advanced Spanish for Social Work I and	
SOWK	3005	Advanced Spanish for Social Work II or	6
HIST	3350	Appalachian History and	
SOWK	3505	Social Work Practice with App. Clients	6
SOWK	3101	Cultural Diversity	3
SOWK	3102	Human Behavior in the Social Environment I	3
SOWK	3201	General Practice of Social Work I**	3
SOWK	3103	Human Behavior in the Social Environment II	3
SOWK	3302	Social Work in Public Welfare	3
SOWK	4100	Social Welfare Policies and Services	3
SOWK	4201	General Practice of Social Work II	3
SOWK	4301	Latino Family and Culture	3
SOWK	4400	Foundation for Social Work Research	3
SOWK	4401	Senior Exit Project Directed Study	1
SOWK	4998	Practicum and Seminar in Social Work I***	5
SOWK	4402	Senior Exit Project Directed Study	1
SOWK	4999	Practicum and Seminar in Social Work II***	5
Electives		HIST 3350, SOWK 3501, 3502, 3503, 3504, 4900	9

Total

120-121

* Recommended

** Requires 50 hours of practicum in a social service agency

*** Requires 20 hours per week practicum in a social service agency

BIOLOGY

B.S. in Biology

Course	Number		Credit Hours
I. CORE CURRICULUM (62 semester hours)			
AREA A Essential Skills (9 semester hours)			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	*1113	Precalculus Mathematics	3
AREA B Institutional Options (4 semester hours)			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts (6 semester hours)			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology (12 semester hours)			
MATH	2253	Calculus & Analytical Geometry I	4
CHEM	1211K	Principles of Chemistry I	4
CHEM	1212K	Principles of Chemistry II	4
AREA E Social Sciences (12 semester hours)			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
GEOG	1111	Physical Geography	3
Electives		ANTH 1103, ECON 2105, 2106, GEOG 1100, 1101, or 1111, HIST 1111, 1112, 2111, 1221, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2103, 2204, 2250, SOCI 1101, 1160	3
AREA F Major Related (18 semester hours)			
BIOL	1107K	Principles of Biology I	4
BIOL	1108K	Principles of Biology II	4
CHEM	2211K	Organic Chemistry I	4
CHEM	2212K	Organic Chemistry II	4
BIOL	2270	Ethical Issues in Science	2
PHYSICAL EDUCATION (1 semester hour)			
PHED		Activity Elective	1
II. UPPER LEVEL COURSES (59 semester hours)			
Required (32)			
BIOL	3200K	Cellular Biology	4
MATH	2200	Introduction to Statistics	3
BIOL	3500K	Ecology	4
BIOL	4250	Evolution	3

BIOL	3400K	Genetics	4
BIOL	4000	Senior Seminar	2
PHYS	1111K	Introductory Physics I	4
PHYS	1112K	Introductory Physics II	4
BIOL	4410K	Molecular Biology	4

Electives (27 semester hours)

Select 24 hours from the following:

BIOL	3510K	Plant Biology	4
BIOL	3520K	Invertebrate Zoology	4
BIOL	3340	General Microbiology	4
BIOL	3300	Developmental Biology	4
CHEM	3500	Biochemistry	4
BIOL	4360K	Comparative Anatomy and Physiology of Vertebrates	4
BIOL	4500K	Biotechnology	4

Select 3 or 4 hours from the following:

BIOL	4900	Special Topics in Biology	3
MATH	2254	Calculus & Analytical Geometry II	4

* Math 2253 may be used if the student meets the prerequisites. The additional hour of credit will be applied to the upper level curriculum electives.

BIOLOGY

B.S. in Biology (Secondary Certification Option)

Course	Number		Credit Hours
I. CORE CURRICULUM (62 semester hours)			
AREA A Essential Skills (9 semester hours)			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	*1113	Precalculus Mathematics	3
AREA B Institutional Options (4 semester hours)			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts (6 semester hours)			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology (12 semester hours)			
MATH	2253	Calculus & Analytical Geometry I	4
CHEM	1211K	Principles of Chemistry I	4
CHEM	1212K	Principles of Chemistry II	4
AREA E Social Sciences (12 semester hours)			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
GEOG	1111	Physical Geography	3
Electives		ANTH 1103, ECON 2105, 2106, GEOG 1100, 1101, or 1111, HIST 1111, 1112, 2111, 1221, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2103, 2204, 2250, SOCI 1101, 1160	3
AREA F Major Related (18 semester hours)			
BIOL	1107K	Principles of Biology I	4
BIOL	1108K	Principles of Biology II	4
CHEM	2211K	Organic Chemistry I	4
CHEM	2212K	Organic Chemistry II	4
BIOL	2270	Ethical Issues in Science	2
PHYSICAL EDUCATION (1 semester hour)			
PHED		Activity Elective	1
II. UPPER LEVEL COURSES (31 or 32 semester hours)**			
Required (25)			
BIOL	3200K	Cellular Biology	4
BIOL	3500K	Ecology	4
BIOL	4250	Evolution	3
BIOL	3400K	Genetics	4

BIOL	4000	Senior Seminar	2
GEOL	1121K	Physical Geology	4
GEOL	1122K	Historical Geology	4

Electives (6 or 7 semester hours total)

Select 6 or 7 hours from the following:

BIOL	3510K	Plant Biology	4
BIOL	4360K	Comparative Anatomy and Physiology of Vertebrates	4
BIOL	3520K	Invertebrate Zoology	4
BIOL	3340	General Microbiology	4
BIOL	3300	Developmental Biology	4
BIOL	4500K	Biotechnology	4
BIOL	4900	Special Topics in Biology	3

EDUCATION COURSES (36 semester hours)

Students must be admitted to the Education Program prior to taking upper division (3000-4000) education courses.

EDUC	2110C	Investigating Critical and Contemporary Issues in Education	3
EDUC	2120	Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts	3
EDUC	2130	Exploring Teaching and Learning	3
EDUC	3120	Teaching Secondary Students Who Are Exceptional, Diverse, and At-Risk	3
EDUC	3272	Classroom Management in Secondary Education/Field Experience I	2
EDUC	3273	Classroom Management in Secondary Education/Field Experience II	2
EDUC	3274	Classroom Management in Secondary Education/Field Experience III	2
EDUC	3902	Curriculum and Assessment for Secondary Math/Science Teachers	3
EDUC	4901	Methods and Strategies for Secondary Math/Science Teachers	3
EDUC	4952	Internship	8
EDUC	4953	Senior Seminar	1
READ	3456	Reading Across the Curriculum for Secondary Teachers	3

* Math 2253 may be used if the student meets the prerequisites. The additional hour of credit will be applied to the upper level curriculum electives.

MATHEMATICS

B.S. in Mathematics

Course	Number		Credit Hours
I. CORE CURRICULUM (62 semester hours)			
AREA A Essential Skills (9 hours)			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	1113	Precalculus Mathematics	3
AREA B Institutional Options (4 semester hours)			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts (6 semester hours)			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology (12 semester hours)			
MATH	2253	Calculus & Analytical Geometry I	4
Laboratory Science Sequence		BIOL 1107K and 1108K, or CHEM 1211 and 1212, or PHYS 1111K and 1112K, or PHYS 2211K and 2112K	8
AREA E Social Sciences (12 semester hours)			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
Electives		ANTH 1103, ECON 2105, 2106, GEOG 1100, 1101, or 1111, HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2103, 2204, 2250, SOCI 1101, 1160	6
AREA F Major Related (18 semester hours)			
MATH	2254	Calculus and Analytic Geometry II	4
MATH	2255	Calculus and Analytic Geometry III	4
MATH	2256	Introduction to Linear Algebra	3
MATH	2403	Differential Equations	4
CMPS	1301	Principals of Programming I	3
PHYSICAL EDUCATION (1 semester hour)			
PHED		Activity Elective	1
II. UPPER LEVEL COURSES			
Common (31 semester hours)			
MATH	3101	Introduction to Advanced Mathematics	3
MATH	3201	Geometry	3
MATH	3301	Combinatorics	3

MATH	3401	Linear Algebra	3
MATH	2770	Statistics an Applications	3
MATH	4101	Abstract Algebra I	3
MATH	4201	Number Theory	3
MATH	4301	Graphy Theory	3
MATH	4701	Probability and Statistics I	3
MATH	4601	Real Analysis	4
Specific (28 semester hours)			
MATH	2602	Linear and Discrete Mathematics	3
MATH	4401	Operations Research	3
MATH	4511	Numerical Analysis I	3
MATH	4512	Numerical Analysis II	3
MATH	4611	Complex Analysis	3
MATH	4702	Probability and Statistics II	3
Electives		CHEM 1211, 1212, 2211, 2212, *PHYS 2211, 2212, ENGR 2205, MATH 4502, CMPS 1302, 1371	10

* Students who use PHYS 1111 and 1112 in Area D cannot use PHYS 2211 or 2212 as electives.

MATHEMATICS

B.S. in Mathematics (Secondary Certification Option)

Course	Number		Credit Hours
I. CORE CURRICULUM (62 semester hours)			
AREA A Essential Skills (9)			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	1113	Precalculus Mathematics	3
AREA B Institutional Options (4 semester hours)			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts (6 semester hours)			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology (12 semester hours)			
MATH	2253	Calculus & Analytical Geometry I	4
Laboratory Science Sequence		BIOL 1107K and 1108K, or CHEM 1211 and 1212, or PHYS 1111K and 1112K, or PHYS 2211K and 2112K (Physics 2211 and 2212 are recommended)	8
AREA E Social Sciences (12 semester hours)			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
Electives		ANTH 1103, ECON 2105, 2106, GEOG 1100, 1101, 1111, HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2103, 2204, 2250, SOCI 1101, 1160	6
AREA F Major Related (18 semester hours)			
MATH	2254	Calculus and Analytic Geometry II	4
MATH	2255	Calculus and Analytic Geometry III	4
MATH	2256	Introduction to Linear Algebra	3
MATH	2403	Differential Equations	4
CMPS	1301	Principals of Programming I	3
PHYSICAL EDUCATION (1 semester hour)			
PHED		Activity Elective	1
II. UPPER LEVEL COURSES			
Common (31 semester hours)			
MATH	3101	Introduction to Advanced Mathematics	3
MATH	3201	Geometry	3
MATH	3301	Combinatorics	3

MATH	3401	Linear Algebra	3
MATH	2770	Statistics an Applications	3
MATH	4101	Abstract Algebra I	3
MATH	4201	Number Theory	3
MATH	4301	Graphy Theory	3
MATH	4701	Probability and Statistics I	3
MATH	4601	Real Analysis	4

EDUCATION COURSES (36 semester hours)

EDUC	2110C	Investigating Critical and Contemporary Issues in Education	3
EDUC	2120	Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts	3
EDUC	2130	Exploring Teaching and Learning	3
EDUC	3120	Teaching Secondary Students Who Are Exceptional, Diverse, and At-Risk	3
EDUC	3272	Classroom Management in Secondary Education/Field Experience I	2
EDUC	3273	Classroom Management in Secondary Education/Field Experience II	2
EDUC	3274	Classroom Management in Secondary Education/Field Experience III	2
READ	3456	Reading Across the Curriculum for Secondary Teachers	3
EDUC	3902	Curriculum and Assessment for Secondary Math/Science Teachers	3
EDUC	4901	Methods and Strategies for Secondary Math/Science Teachers	3
EDUC	4951	Internship in Secondary School Mathematics	8
EDUC	4953	Teaching Internship Seminar	1