

OWC



Bachelor of Science in Middle Grades Math/Science Education

What classes meet program requirements?

Core Professional Education Courses for all three options:

Core Courses	Credit Hours
EDF 3131C Learning & the Devlp Adolescent.....	3
EDF 3430 Measurement, Evaluation & Assessment in Education.....	3
EEX 3070 Methods of Inclusion & Collaboration.....	3
EDG 3410C Classroom Mgmt, School Safety, Law & Ethics.....	3
EDG 3343 Instructional Strategies.....	3
EME 3410C Integrating Tech in the Classroom.....	3
TSL 4081C TESOL Issues & Practice.....	3
RED 3335C Teaching Reading in the Content Areas.....	3
RED 3324C Teaching in the Middle School Curriculum.....	3
Total Core Professional Education Credits.....	27

Math Option:

Additional Courses Required	Credit Hours
MAE 4312C How Children Learn Math.....	3
MAE 4320C Teaching Methods in Middle School Math.....	3
MAE 4940C Teaching Methods in Middle School Math Practicum.....	1
MTG 2206 College Geometry.....	3
MAC 1114 Trigonometry.....	3
MAC 2311 Calculus I.....	4
MHF 4404 The History of Math.....	3
Math elective.....	3
Total Additional Required Credits.....	23
Student Teaching & Seminars.....	10

Science Option:

Additional Courses Required	Credit Hours
SCE 4320C Teaching Methods in Middle School Science.....	3
SCE 4940C Teaching Methods in Middle School Science Practicum.....	1
Upper division interdisciplinary science course.....	3
BSC 1011C Principles of Biology II.....	4
CHM 1025 Chemical Science	
or	
PHY 1020 Physical Science.....	4
Two science electives.....	8
Total Additional Courses Required Credits.....	23
Student Teaching & Seminars.....	10

Math & Science Option:

Additional Courses Required	Credit Hours
MAE 4320C Teaching Methods in Middle School Math.....	3
MAE 4940C Teaching Methods in Middle School Math Practicum.....	1
SCE 4320C Teaching Methods in Middle School Science.....	3
SCE 4940C Teaching Methods in Middle School Science Practicum.....	1
MTG 2206 College Geometry.....	3
ISC 4145 Global Systems.....	3
CHM 1025 Chemical Science	
or	
PHY 1020 Physical Science.....	4
Math elective.....	4
Total Additional Courses Required Credits.....	22
Student Teaching & Seminars.....	11

Total Student Teaching Credits.....	10 or 11
Total Upper Division Credits.....	60
Total Credits for the Degree.....	120

How long will it take to complete the program?

The Bachelor's in Middle Grades Math/Science Education degree program is 120 credits; 60 credits are earned at the lower division and 60 credits are earned at the upper division. Students who enroll full-time should be able to complete the full 120 credits in four years; students who enter the program as juniors and attend full-time should be able to complete the program in two years. However, the teaching internship requirement can be completed only in the fall or spring terms, which may impact the student's completion date.

Where and when are most of the classes held?

Most classes are held on the OWC campus in Niceville. Classes may also be offered at other OWC campuses on a limited basis. Some instructional activities, as well as the majority of field experiences, will occur on sites in various middle schools within Okaloosa and Walton counties. Classes will be available days, evenings and some weekends. To accommodate required field observations and other practical experiences which take place in the middle school setting, students will need to commit at least some daytime hours to the program, regardless of what times their actual classes are held.

Can I take online courses?

Most courses will be offered in the traditional format, although some courses will be offered in blended format, with about half the number of meetings in a traditional class and the remaining instruction completed independently online or through other independent learning formats. Other selected subject area classes may be available online, but the majority of instruction will occur in a traditional classroom format.

What is the cost of the program?

OWC tuition and fees are among the lowest in Florida of any college or university. For current OWC fees, see the college catalog, schedule of classes or the college website. Tuition for upper division courses is approximately 65% of tuition for upper division courses in the university system. Additional costs include textbooks and related instructional supplies. Students will also pay a one-time software fee of approximately \$75 to open an electronic portfolio, which will be available to them throughout enrollment in the program and for at least one year after program completion. There is no admission or application fee.

OWC offers an extensive financial aid program. More than \$15 million in financial assistance is awarded to OWC students annually through federal, state, and local grants, college work-study, loans and scholarships.

I've taken courses at another college; will these count toward this program?

Students should have transcripts of work completed at any regionally accredited college sent to the OWC Registrar's Office. Appropriate college staff will evaluate any previous courses you have taken, and you will be notified if any may be applied to the Bachelor's in Middle Grades Math/Science Education degree program.

Over for more info>

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General Information

The OWC Bachelor of Science in Middle Grades Math/Science Education degree program is designed to prepare students for teaching positions in math, science or both math and science at the middle school level.

Accreditation

Okaloosa-Walton College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor and associate degrees, certificates, and diplomas.

What are the admission requirements?

To be admitted to the OWC Bachelor of Science in Middle Grades Math/Science Education degree program, students must satisfy the admissions requirements noted on the side panel at right.

In certain cases, students without a passing FTCE or CLAST score who meet all other admission requirements may be eligible for admission on a provisional basis. Provisionally admitted students must satisfy all admission requirements by the end of their first semester of enrollment. See an advisor for more details.

Is practical teaching experience part of the program?

School-based "field experiences" are infused throughout the OWC Middle Grades Math/Science Education degree program. Students will complete a 450 hour teaching internship, or student teaching assignment, as the culminating experience in the program. This teaching component is designed to ensure adequate application and practice of teaching skills learned in the classroom setting. In addition, many classes have an additional "field experience" component where the student will observe in the classroom, attend school staff meetings, present a lesson in the school setting, or complete other school-based activities.

Will I be a certified teacher when I have completed the Bachelor of Science degree?

The bachelor's degree is a crucial element in obtaining Florida teacher certification. Actual certification is determined by the Florida Department of Education, and there are additional steps associated with the process. This program is designed to cover the content and competencies required by the Florida Department of Education (FLDOE) in preparation for certification in Middle Grades Math/Science Education. The FLDOE web site (www.fl DOE.org) provides current information regarding certification requirements.

Over for more info>

Okaloosa-Walton
COLLEGE

**Bachelor of Science in Middle Grades
Math/Science Education**

www.owc.edu/Bachelor/BSEducation

Call (850) 729-6440 for more information

Plan Now to begin the Bachelor of Science in Middle Grades Math/ Science Program

New students may be admitted at any time during the year. Complete admissions forms now.

Schedule your free academic advising appointment now –

Call (850) 729-6922

See the OWC web site at **www.owc.edu/Bachelor** for an application for admission.

To be admitted to the OWC Bachelor of Science in Middle Grades Math/Science degree program, students must satisfy the following requirements:

- ❖ Possess an AA degree or 60 hours of college credits from a regionally accredited college or university
- ❖ Complete all of the general education requirements
- ❖ Have a 2.5 or higher GPA on their general education coursework
- ❖ Achieve a passing score on the General Knowledge Test of the Florida Teacher Certification Examination (FTCE) or passing scores on the College Level Academic Skills Test (CLAST)
- ❖ Complete the three lower division prerequisite courses with a grade of "C" or higher in each course: EDF 1005 (Introduction to Education), EDG 2701 (Teaching Diverse Populations), and EME 2040 (Instructional Technology).
- ❖ Meet all other admissions requirements of Okaloosa-Walton College.