

**ADOLESCENCE EDUCATION MAJOR (GRADES 7-12) - B.S.
Mathematics Specialization**

Primary Faculty, Rockland: Dr. James Nichols (Adolescence Dept. Chair), Dr. In Hak Moon (Math Dept. Chair), Dr. Dion Harrigan, Dr. JungHang Lee

This program is nationally recognized by the National Council for Teachers of Mathematics (NCTM).

Program Assessment

The following assignments are used to assess program effectiveness.

Assessment	Context	Location in Program
Content Specialty Test (CST)	Licensure Test	Junior year
Competency Attainment Checklist	Student Teaching	Senior year
Clinically-based project: edTPA	Senior Seminar	Senior year

Liberal Arts and Science Core Component[^]..... 32

[^]Adolescence Ed/Math majors take HIS 213 (U.S. History I) instead of HIS 114 (World Civilization II), EDU 445 (Educating a Diverse Society) in place of SOC 347 (Contemporary American Society), MAT 110 (College Algebra) as major-specific Math elective and PSY 101 (General Psychology) as the major-specific Social Science elective. PHI 101 is replaced with an additional liberal arts requirement within the major.

Foreign Language Component 6
1 year (2 semesters) of the same language

Bible and Ministry Minor Curriculum 12

Major Field Component (36 credits)

- MAT 120 - College Geometry 3
- MAT 231 - Pre-Calculus 3
- MAT 246 - Calculus I 4
- MAT 247 - Calculus II 4
- MAT 248 - Calculus III 4
- MAT 310 - Linear Algebra 3
- MAT 311 - Math History..... 3
- MAT 330 - Statistics 3
- MAT 212 - Math for Secondary Teachers 3
- MAT 345 - Discrete Mathematics..... 3
- MAT 470 - Mathematics Seminar 3

Education Component (41 credits)

- EDU 221- Intro to Teaching with Technology 1
- EDU 246 - Foundations of Education 3
- EDU 247 - Health Issues..... 1
- EDU 258 - Development and Learning Theory 3
- EDU 259 - Teaching and Learning Strategies..... 3
- EDU 321 - Technology Application for Teachers 1 1
- EDU 441 - The Christian Teacher (Worldview requirement) 2

EDU 421 - Technology Application for Teachers 2.....	1
EDS 318 – General Methods in Teaching Grades 7-12	3
EDU 353 – Exceptional Child	3
EDS 321 - Special Methods for Teaching Math for Middle & Adol. Ed. ...	3
EDS 334 - Literacy Integration in the 7-12 Curriculum.....	3
EDS 494 - Supervised Student Teaching: Middle School.....	5
EDS 495 - Supervised Student Teaching: High School.....	5
EDS 470 - Seminar in Student Teaching.....	2
Field Experience – EDU 191, 292, EDS 391 (1), and 392 (1)	2
Total credits required	127