

# PRE-COLLEGE | PROGRAMS FOR HIGH SCHOOLS STUDENTS

<http://www.miami.edu/precollege>

As one of the nation's most active research universities, the University of Miami specializes in innovative thinking and great teaching – a combination that is showcased in the precollege programs.

University of Miami Pre-College **summer programs** (<https://ssp.dcie.miami.edu/>) are designed to expose high school students to university academics and campus life before commencing undergraduate studies. Students learn from distinguished UM faculty and study in classes that connect classroom ideas and hands-on learning in our exciting precollege programs. Students can attend the **Summer Scholars Three-Week Credit Program** to earn college credit or the **UM Academies Two-Week Non-Credit Program** for an immersive academic experience. Residential, commuter, and remote options are available.

**Non-Degree High School Status:** Eligible high school students may apply for enrollment through the Division of Continuing and International Education to attend undergraduate courses during the academic year in a **Non-Degree High School Status** (<https://credit.dcie.miami.edu/non-degree-seeking/high-school/>).

## Summer Scholars Three-Week Credit Program

The Summer Scholars Three-Week, Credit Program is open to rising high school juniors and seniors. Courses are taught by UM faculty. Each academic specialty consists of two courses (3 credits each) for a total of 6 credit hours.

## Curriculum Requirements

Code	Title	Credit Hours
Select one (1) area of specialization: <sup>1</sup>		6
Each specialization area has a subset of required courses		
<b>Explorations in Architecture</b>		
ARC 109	Introduction to Architecture ( Sustainable and Resilient Design/ Urban and Landscape Design)	
ARC 110	Visual Studies	
<b>Business, Ethics, and Leadership</b>		
GBM 100	Fundamentals of Ethics and Leadership	
GBM 101	Fundamentals of Business	
<b>The Business of Real Estate</b>		
FIN 144	Investing in Real Estate	
GBM 101	Fundamentals of Business	
<b>Digital Media, Podcast Production, and Electronic Media for the Future</b>		
JMM 102	Understanding Media and Content in the Digital Age	
JMM 206	Special Topics in Journalism and Media Management	
<b>Engineering: Applications of Mechanical, Aerospace, Civil, and Architectural Engineering</b>		
CAE 100	Introduction to Civil, Architectural, and Environmental Engineering	
MAE 100	Introduction to Mechanical and Aerospace Engineering	
<b>Engineering: Computing and Mobile Development</b>		
ECE 101	Introduction to Mobile Computing	
ECE 100	Introduction to Electrical and Computer Engineering	
<b>Engineering: Industrial and Systems Engineering: Fundamentals in Work Design, Project Management and Digital Solutions for Engineers</b>		
ISE 102	Introduction to Project Management and Work Design Systems	
EGN 123	Computing and Digital Solutions for the future	
<b>Engineering: Innovations in Biomedical, Computer, and Electrical Engineering</b>		
BME 100	Introduction to Biomedical Engineering for Summer Scholars	
ECE 100	Introduction to Electrical and Computer Engineering	
<b>Exploring Sports Communication, Culture and the Fundamentals of Business</b>		
COS 120	Exploring Human Communication	
GBM 101	Fundamentals of Business (Exploring Sports, Communication and Culture and the Fundamentals of Business)	

<b>Filmmaking and Storytelling</b>	
CCA 103	Survey of Motion Pictures
CCA 151	Introduction to Digital Filmmaking
<b>Fintech: Decoding Cryptocurrency and Blockchain Technology</b>	
ECE 102	Python Programming for FinTech
ECE 103	Foundation of FinTech and Blockchain Technologies
<b>Forensic Investigation, Crime Scene and Intelligence Analysis</b>	
APY 100	Introduction to Forensic Investigation (EXP)
APY 200	Introduction to Forensic Anthropology (EXP)
<b>Global Business and International Relations</b>	
GBM 102	Global Business
POL 203	Introduction to International Relations
<b>Health and Medicine: Infectious Diseases</b>	
BPH 200	Basic Concepts Public Health
MIC 100	Microbiology as it Relates to Humans (EXP)
<b>Health and Medicine: Music Therapy and the Brain</b>	
MED 159	Introduction to Music Therapy
NEU 110	Introduction to Neuroscience (EXP)
<b>Health and Medicine: Neuroscience and Public Health</b>	
BPH 200	Basic Concepts Public Health
NEU 110	Introduction to Neuroscience (EXP)
<b>Health and Medicine: Cancer Biology, Treatment, Management, and Prevention</b>	
NUR 200	Process of Health Promotion
BIL 116	Introduction to Cancer Biology
<b>Indigenous Perspectives on Law, Social Justice, and Resiliency</b>	
AMS 301	Topics in American Studies
LWU 102	Introduction to Legal Profession: Law, Ethics, and Society
<b>Law - Litigation and the Legal Profession</b>	
LWU 101	Courtroom 101: Litigation Basics
LWU 102	Introduction to Legal Profession: Law, Ethics, and Society
<b>Marine Mammal Biology and Conservation</b>	
MSC 106	Marine Mammal Biology and Conservation
MSC 116	Marine Conservation
<b>Money and Marketing - Succeeding In Business</b>	
BUS 201	Money
MKT 101	Marketing in the 21st Century
<b>Music Industry</b>	
MMI 101	Music Industry and Society
GBM 101	Fundamentals of Business
<b>Sport Administration - The Business of Sport</b>	
KIN 100	Leadership, Management, and Ethics in Sports
KIN 200	Survey of Sports Administration
<b>Sports Medicine - Athletic Performance and Injury Management</b>	
KIN 105	Introduction to Athletic Training and Sports Medicine
KIN 110	Translational Health in Nutrition and Kinesiology
<b>Tropical Marine Biology</b>	
MSC 115	Tropical Marine Biology
MSC 107	Life in the Sea
<b>Total Credit Hours</b>	<b>6</b>

## UM Academies Two-Week Non-Credit Program

The UM Academies Two-Week Non-Credit Program is open to rising high school sophomores, juniors and seniors. Courses are taught by UM faculty in an engaging academic setting that allows students to get hands-on with their academic passions and explore college life. Students enroll in one course (non-credit).

### Curriculum Requirements

Code	Title	Credit Hours
	<b>Business Academy: An Entrepreneurship Crash Course - SSA 103</b>	
	<b>Hurricane Academy: An Introduction to Atmospheric Science and Research - SSA 106</b>	
	<b>Spanish Immersion Academy: Español Sin Passaporte - SSA 107</b>	