



WPI

Interactive Media and Game Development

Course Planning Guidelines for First-Year IMGD Students AY2017-18

WPI's Interactive Media & Game Development (IMGD) program provides a basic education in the theory and practice of both the technical and creative aspects of digital media production, together with complimentary instruction in the physical and social sciences, mathematics, humanities and the arts. It is intended to serve as a solid foundation for an IMGD-related professional career and/or post-graduate studies.

The program offers two separate majors:

- The **IMGD Technology** major is focused on the development of software engineering skills, and leads to a **Bachelor of Science** degree. This major's strong emphasis on programming encourages many students to earn a double-major or minor in Computer Science.
- The **IMGD** major explores the creative aspects of digital media production, and leads to a **Bachelor of Arts** degree. This flexible, multidisciplinary major offers optional concentrations in Visual Art, Design and Technical Art, and is designed to readily accommodate a double-major or minor in a wide variety of related fields.

Students intending to take **either** major should register for IMGD 1001: The Game Development Process in A term, and IMGD 1000: Critical Studies of IMGD in B term.

All IMGD Technology/IMGD majors require:

- 2/3 units (two courses) from IMGD 1000, 1001 or 1002. All three are recommended.
- 1/3 unit (one course) in EN (English), Philosophy (PY) or Religion (RE).
- 1/3 unit (one course) from AR (Visual Art) 1100, 1101 or 2301.
- 2/3 units (two courses) in any Natural/Engineering Science (AE, BB, BME, CE, CH, CHE, ECE, ES, GE, ME, PH or RBE).
- 2/3 units (two courses) in Mathematics and Data Analysis (any MA course or IMGD 2905, offered in D term).

Dual majors and minors may impose additional requirements/restrictions.

Example course schedule for **IMGD Technology (BS)** majors

A Term	B Term
IMGD 1001	IMGD 1000
CS 1101 or 1102	CS 2102, 2011 or 210X
GPS, any MA, any EN/PY/RE, or AR 1100/1101	GPS, any MA, any EN/PY/RE, or AR 1100/1101
(Optional) PE	(Optional) PE

Example course schedule for **IMGD (BA)** majors

A Term	B Term
IMGD 1001	IMGD 1000
CS 1104, any MA, or any Natural/Engineering Science	CS 2301, any MA, or any Natural/Engineering Science
GPS, any EN/PY/RE, or AR 1100/1101	GPS, any EN/RE/PY, or AR 1100/1101
(Optional) Any PE	(Optional) Any PE

Course Planning Worksheet: **IMGD Technology (BS) Major**

Math Placement test Result: _____ AP/IP/Transfer Credit: _____

A Term Selections	Include CRN	B Term Selections	Include CRN
IMGD 1001		IMGD 1000	
CS 1101 or 1102		CS 2102, 2011 or 210X	
GPS, MA, EN/PY/RE or AR 1100 or 1101		GPS, MA, EN/PY/RE or AR 1100 or 1101	
*PE (1/12 credit)		*PE (1/12 credit)	
*Military Science (ROTC affiliation required)		*Military Science (ROTC affiliation required)	
Backup courses		Backup courses	

Abbreviation key, notes and recommendations:

GPS: Great Problems Seminar. Note: GPS seminars are a 2-term sequence course. They are also **linked**. This means that when registering for a GPS course in A term, you must register for its second half in B term.

MA: Mathematics. Recommended: MA 1021, 1022, 1023 or 1024.

EN: English. Recommended: EN 1222, 1231, 1251, 2219, 2232, 2242 or 2251.

PY: Philosophy. Recommended: PY 1731, 2713, 2718 or 2731.

RE: Religion. Recommended: RE 1731, 2721, 2722 or 2731.

Natural/Engineering Science: Any course with an AE, BB, BME, CE, CH, CHE, ECE, ES, GE, ME, PH or RBE prefix.

PE: Physical Education. Note: Any PE course can be taken more than once.

Courses marked with an asterisk (*) are optional, and can be taken in addition to the three courses.

Course Planning Worksheet: **IMGD (BA) Major**

Math Placement test Result: _____ AP/IP/Transfer Credit: _____

A Term Selections	Include CRN	B Term Selections	Include CRN
IMGD 1001		IMGD 1000	
CS 1104, MA, or any Natural/Engineering Science		CS 2301, MA, or any Natural/Engineering Science	
GPS, EN/PY/RE or AR 1100 or 1101		GPS, EN/PY/RE or AR 1100 or 1101	
*PE (1/12 credit)		*PE (1/12 credit)	
*Military Science (ROTC affiliation required)		*Military Science (ROTC affiliation required)	
Backup courses		Backup courses	

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