

Degree Requirements at James Madison University

Bachelor of Arts (B.A.)

Credit Hours

Foreign language courses (intermediate level required) ¹	0-14
General Education courses ²	41
Philosophy course (in addition to General Education courses) ³	3
Major concentration courses and electives ⁴	62-76
	<hr/> 120

Bachelor of Business Administration (B.B.A.)

Credit Hours

B.B.A. core courses	44-45
General Education courses ²	41
Major courses	24
Electives	11-21
	<hr/> 120

Bachelor of Fine Arts (B.F.A.)

Credit Hours

Core program – art courses	24
General Education courses ²	41
Art emphasis courses	54
Electives	1
	<hr/> 120

Bachelor of Individualized Study (B.I.S.)

Credit Hours

General Education courses ⁷	41
Major concentration courses	30
Electives	49
	<hr/> 120

Bachelor of Music (B.M.)

Credit Hours

Core music program courses	27
General Education courses ²	41
Major concentration courses and electives	56-63
	<hr/> 124-131

Bachelor of Science (B.S.)

Credit Hours

General Education courses ²	41
Quantitative requirement (in addition to General Education courses) ⁵	3
Scientific Literacy requirement ⁶ (in addition to General Education courses)	3-4
Major concentration courses and electives ⁴	72-77
	<hr/> 120

Bachelor of Science in Nursing (B.S.N.)

Credit Hours

General Education courses ²	41
Nursing courses	61
Other supportive courses	14
Electives	5-8
	<hr/> 120

Bachelor of Social Work (B.S.W.)

Credit Hours

Core program – social work courses	42
General Education courses ²	41
Social work electives	6
Electives	32-35
	<hr/> 120

- 1 The foreign language requirement may be satisfied by successful completion of the second semester of the intermediate level of the student's chosen language (typically 232), or by placing out of that language through the Department of Foreign Languages, Literatures and Cultures' placement test.
- 2 The General Education program contains a set of requirements each student must fulfill. The number of credit hours necessary to fulfill these requirements may vary.
- 3 100-, 200-, 300- or 400-level course acceptable, or consult the list of courses satisfying Bachelor of Arts degree requirements at <http://www.jmu.edu/registrar>.
- 4 Would include education courses leading to licensure in teacher education.
- 5 Students are strongly encouraged to complete one of the following sequences: GISAT 141-ISAT 142, MATH 107-108, MATH 135-235, MATH 155-220, MATH 156-220, MATH 205-206 or MATH 235-236.
- 6 Scientific Literacy requirement to be chosen from the list of courses satisfying Bachelor of Science degree requirements at <http://www.jmu.edu/registrar>
- 7 The Adult Degree Program contains a set of requirements each individualized study major must fulfill. The university recognizes this alternate general education program as a nontraditional equivalent to The Human Community.

Undergraduate Degrees at James Madison University

The following is a list of undergraduate degrees and programs offered at James Madison University. For more information, contact the academic unit.

Bachelor of Arts (B.A.)

Anthropology
Art History
Art, Studio
Biology
Communication Sciences and Disorders
Communication Studies
Earth Science
Economics
English
Geographic Science
History
Individualized Study
International Affairs
Justice Studies
Mathematics
Media Arts and Design
Modern Foreign Languages
Philosophy and Religion
Physics
Political Science
Psychology
Sociology
Technical and Scientific Communication
Theatre and Dance

Bachelor of Business Administration (B.B.A.)

Accounting
Computer Information Systems
Economics
Finance
Hospitality and Tourism Management
International Business
Management
Marketing

Bachelor of Individualized Study (B.I.S.)

Individualized Study

Bachelor of Fine Arts (B.F.A.)

Art, Studio

Bachelor of Music (B.M.)

Music

Bachelor of Science (B.S.)

Anthropology
Art, Studio
Athletic Training
Biology
Biotechnology
Chemistry
Communication Sciences and Disorders
Communication Studies
Computer Science
Dietetics
Economics
Engineering
Geographic Science
Geology
Health Sciences
Health Services Administration
Individualized Study
Information Analysis
Integrated Science and Technology
Interdisciplinary Liberal Studies
Justice Studies
Kinesiology
Mathematics
Media Arts and Design
Physics
Psychology
Public Policy and Administration
Quantitative Finance
Sociology
Statistics
Technical and Scientific Communication

Bachelor of Science in Nursing (B.S.N.)

Nursing

Bachelor of Social Work (B.S.W.)

Social Work

Subject Abbreviations

Course Descriptions are listed in alphabetical order by subject. Courses that may meet General Education requirements (Pages 83-93) are preceded by a bold, italic G or an asterisk. If the course is part of a course sequence, the asterisk appears after the course subject abbreviation and number.

The abbreviations shown in this section are also listed on e-campus and student transcripts.

Subject	Abbreviation	
Accounting	ACTG (p. 295)	Human Science
Africana Studies	AFST (p. 295)	Individualized Study
Air Force ROTC	AIRS (p. 295)	IS (p. 352)
American Studies	AMST (p. 296)	Industrial Design
Anthropology	ANTH (p. 296)	INDU (p. 351)
Arabic	ARAB (p. 299)	Information Analysis
Art	ART (p. 299)	IA (p. 351)
Art Education	ARED (p. 301)	Integrated Science and Technology
Art History	ARTH (p. 301)	ISAT (p. 352)
Astronomy	ASTR (p. 304)	Interdisciplinary Liberal Studies
Athletic Training Education Program	ATEP (p. 304)	IDLS (p. 357)
Biology	BIO (p. 305)	Interdisciplinary Social Science
Biotechnology	BIOT (p. 308)	ISS (p. 357)
Business and Marketing Education	BMED (p. 308)	Interior Design
Business Law	BLAW (p. 308)	INDE (p. 357)
Chemistry	CHEM (p. 309)	International Affairs
Chinese	CHIN (p. 310)	INTA (p. 358)
Classics	CLAS (p. 311)	International Business
College of Business	COB (p. 311)	IBUS (p. 358)
Communication Sciences and Disorders	CSD (p. 312)	International Liberal Studies
Communication Studies	SCOM (p. 312)	ILS (p. 358)
Computer Information Systems	CIS (p. 315)	Interscience Research
Computer Science	CS (p. 317)	ISCI (p. 358)
Continuing Education	CE (p. 319)	Italian
Criminal Justice	CRJU (p. 319)	ITAL (p. 358)
Dance	DANC (p. 319)	Japanese
Early Childhood Education	ECED (p. 320)	JAPAN (p. 359)
Economics	ECON (p. 321)	Justice Studies
Education	EDUC (p. 322)	JUST (p. 359)
Elementary Education	ELED (p. 323)	Kinesiology
English	ENG (p. 324)	KIN (p. 361)
Environmental Management	ENVM (p. 326)	Korean
Exceptional Education	EXED (p. 326)	KOR (p. 363)
Family Studies	FAM (p. 328)	Latin
Finance	FIN (p. 329)	LAT (p. 363)
Foreign Language	FL (p. 330)	Liberal Studies
French	FR (p. 330)	LS (p. 363)
General Business	GBUS (p. 334)	Management
General Education	G (p. 331)	MGT (p. 363)
Geographic Science	GEOG (p. 334)	Management Science
Geology	GEOG (p. 334)	MS (p. 315)
German	GER (p. 338)	Marketing
Gerontology	GERN (p. 339)	MKTG (p. 364)
Graphic Design	GRPH (p. 339)	Materials Science
Greek	GRK (p. 340)	MATS (p. 365)
Health	HTH (p. 340)	Mathematics
Health and Human Services	HHS (p. 343)	MATH (p. 366)
Health Services Administration	HSA (p. 343)	Media Arts and Design
Hebrew	HEBR (p. 344)	SMAD (p. 369)
History	HIST (p. 344)	Middle and Secondary Education
Hospitality and Tourism Management	HTM (p. 349)	MSSE (p. 371)
Human Resource Development	HRD (p. 350)	Middle Education
		MIED (p. 371)
		Military Science
		MUSCI (p. 372)
		Music
		MUS (p. 373)
		Music Education
		MUED (p. 375)
		Music Industry
		MUI (p. 375)
		Music Instruction, Applied
		MUAP (p. 376)
		Nonprofit Studies
		NPS (p. 377)
		Nursing
		NSG (p. 378)
		Nutrition
		NUTR (p. 380)
		Philosophy
		PHIL (p. 381)
		Physics
		PHYS (p. 382)
		Political Science
		POSC (p. 384)
		Psychology
		PSYC (p. 387)
		Public Policy and Administration
		PPA (p. 389)
		Reading Education
		READ (p. 390)
		Religion
		REL (p. 390)
		Russian
		RUS (p. 392)
		Social Work
		SOWK (p. 392)
		Sociology
		SOCL (p. 394)
		Spanish
		SPAN (p. 396)
		Studies Abroad Course, Regularly Scheduled
		(p. 397)
		Teaching English as a Second Language
		TESL (p. 399)
		Technical and Scientific Communication
		TSC (p. 399)
		Technical Translation
		TR (p. 400)
		Theatre
		THEA (p. 401)
		Vocational Education
		VOED (p. 403)
		Women's Studies
		WMST (p. 404)
		Writing
		WRIT (p. 403)

Undergraduate Programs

	Major	Minor	See Page		Major	Minor	See Page
Accounting (B.B.A.)	■		134	Educational Media		■	225
Public Administration				Elementary Education			170
Africana Studies		■	106	Engineering (B.S.)	■		98
American Studies		■	106	English (B.A.)	■	■	178
Anthropology (B.A., B.S.)	■	■	280	American Literature			
Archeology				British Literature			
Biological Anthropology				Creative Writing		□	
Cultural Anthropology				World Literature		□	
Art (B.F.A.)	■	■	142	English as a Second Language			183
General Fine Arts				Environmental Information Systems		■	109
Graphic Design				Environmental Management		■	109
Interior Design				Environmental Studies		■	110
Art (B.A.)	■	■	141	Environmental Sustainability (certificate)			120
General Fine Arts				European Business Concentration			67
Studio Art				European Marketing		■	231
Art (B.S.)	■	■	146	Family Studies		■	110
General Fine Arts				Film Studies		■	111
Industrial Design				Finance (B.B.A.)	■		185
Art History (B.A.)	■	■	140	Geographic Science (B.A., B.S.)	■	■	208
Athletic Training (B.S.)	■		196	Applied Geographic Information Science			
Asian Studies		■	107	Environmental Conservation, Sustainability and Development			
Biochemistry and Molecular Biology		■	107	Geology (B.S.)	■	■	192
Biology (B.A., B.S.)	■	■	149	General Geology			
Ecology and Environmental Biology				Environmental and Engineering Geology			
Biotechnology (B.S.)	■		96	Gerontology		■	111
Chemistry (B.S.)	■	■	154	Health Sciences (B.S.)	■		198
ACS Accredited Programs				Health Assessment and Promotion			
(Biochemistry, Chemical Education, Chemistry and Materials Chemistry)				Health Studies			
Chemistry/Business				Occupational Studies			
General Chemistry				Public Health Education			
Chinese Business Studies		■	67	Substance Abuse Intervention		■	
Classical Studies		■	108	Health Services Administration (B.S.)	■		197
Communication Sciences and Disorders (B.A., B.S.)	■	■	157	History (B.A.)	■	■	202
Communication Studies (B.A., B.S.)	■	■	159	Public History			
Conflict Analysis and Intervention		□		Historical Archaeology		■	111
Cultural Communication		□		Hospitality and Tourism Management (B.B.A.)	■		206
Health Communication Studies		□		Human Resource Development		■	225
Interpersonal Communication Studies		□		Individualized Study (B.I.S., B.A., B.S.)	■		137
Organizational Communication Studies				Information Analysis (B.S.)	■		212
Political Communication				National Security			
Public Communication Studies				Competitive Intelligence			
Public Relations Studies		■		Integrated Science and Technology (B.S.)	■	■	213
Computer Information Systems (B.B.A.)	■	■	165	Biosystems			
Cooperative Education				Energy			
Computer Science (B.S.)	■	■	168	Engineering and Manufacturing			
Creative Writing		■	108	Environment			
Criminal Justice		■	108	Environmental Information Systems		■	
Dietetics (B.S.)	■		196	Information and Knowledge Management			
Early Childhood Education			170	Telecommunications		□	
Earth Science (B.A.)	■		193	Interdisciplinary Liberal Studies (B.S.)	■		104
Economics (B.A., B.S., B.B.A.)	■	■	173	Interdisciplinary Social Science		■	112
Environmental and Natural Resource				International Affairs (B.A.)	■		100
Financial				Comparative Study			
International				International Relations			
Socioeconomics				International Business (B.B.A.)	■		216
				Finance			
				Marketing			

This chart lists majors, minors and concentrations. Degrees available for majors are listed in parentheses after the name of the major.

Concentrations are listed below respective major programs with no block designation.

A solid box (■) in the minor column designates an area offered only as a minor.

An open box (□) in the minor column designates an area offered as both a concentration and a minor.

For information on teacher licensure, see Page 36.

	Major	Minor	See Page		Major	Minor	See Page
International Humanities		■	113	Philosophy and Religion (B.A.)	■		258
Justice Studies (B.A., B.S.)	■		219	Interdisciplinary Philosophy			
Kinesiology (B.S.)	■		222	Interdisciplinary Religion			
Coaching Education		■		Philosophy		□	
Exercise Science				Religion		□	
Physical and Health Education Teacher Education				Physics (B.A., B.S.)	■	■	262
Sport Communication		■		Applied Physics			
Sport and Recreation Management				Astronomy		■	
Latin American Studies		■	114	Fundamental Studies			
Management (B.B.A.)	■		226	Individual Option			
Technology, Innovation and Entrepreneurship				Multidisciplinary			
General Management				Physics/Engineering Combined			
Human Resource Management				Political Communication		■	116
Management Science		■	167	Political Science (B.A.)	■	■	267
Marketing (B.B.A.)	■		229	Pre-Professional Health Programs			127
Business to Business Marketing				Pre-dentistry, Pre-forensic Studies, Pre-medicine,			
Business to Consumer Marketing				Pre-occupational Therapy, Pre-optometry,			
European Marketing		■		Pre-pharmacy, Pre-physical Therapy, Pre-physician			
Materials Science		□	121	Assistant, Pre-veterinary Medicine			
Mathematics (B.A., B.S.)	■	■	232	Psychology (B.A., B.S.)	■		271
Computational Sciences				Behavior Analysis			
Media Arts and Design (B.A., B.S.)	■		237	Public Policy and Administration (B.S.)	■	■	268
Corporate Communication				Public Policy			
Digital Video and Cinema				Public Management			
Interactive Media				Quantitative Finance (B.S.)	■		186
Print Journalism				Russian Studies		■	117
Medieval and Renaissance Studies		■	114	Secondary Education		■	242
Middle Education			242	Social Work (B.S.W.)	■		275
Middle Eastern Communities and Migrations		■	115	Sociology (B.A., B.S.)	■	■	278
Military Leadership		■	245	Applied Sociology			
Army ROTC				Deviance and Criminology			
Modern Foreign Languages (B.A.)	■		188	Diverse Cultural Experiences			
Business French		■		Family and Lifestyles			
Business German		■		Occupations and Bureaucracy			
Business Italian		■		Social Psychology			
Business Spanish		■		Sociology of Education			
French		■		Special Education		■	181
German		■		Statistics (B.S.)		■	234
Italian		■		Substance Abuse Intervention		■	117
Law Enforcement Spanish		■		Technical and Scientific Communication	■	■	287
Medical Spanish		■		(B.A., B.S.)			
Russian		■		Online Publications			
Spanish		■		Publications Management			
Music (B.M.)	■	■	247	TSC in the Public Sector			
Composition				Telecommunications		■	117
Jazz Studies		■		Theatre and Dance (B.A.)	■		283
Music Education (Instrumental, Vocal)				Dance		□	
Music Industry		□		Musical Theatre			
Music Theatre Emphasis				Theatre		□	
Performance (Instrumental, Vocal,				Urban and Regional Studies		■	118
Piano, Accompanying/Coaching)				Women's Studies		■	118
Nonprofit Studies		■	116	World Literature		■	118
Nursing (B.S.N.)	■		254	Writing and Rhetoric		■	

Teacher Education Pre-professional Licensure Programs

Students interested in teacher licensure will major in an academic field and complete all of the requirements for the teacher education program. Depending on the field of study, initial licensure is earned at the bachelor or master's level. The following chart describes the licensure areas, degree required, major field of study and academic unit.

Licensure Area	Degree Required	Major Field of Study	Academic Unit
Art Education, PreK-12	Bachelor's	Art	School of Art and Art History (Page 139)
Music Education, PreK-12	Bachelor's	Music	School of Music (Page 247)
Physical/Health Education, PreK-12	Master's	Kinesiology	Department of Kinesiology (Page 222)
Early Childhood Education, PreK-3	Bachelor's	IDLS with education minor	Interdisciplinary Liberal Studies (Page 104) Department of Early, Elementary and Reading Education (Page 170)
Elementary Education, PreK-6	Master's	IDLS with education minor	Interdisciplinary Liberal Studies (Page 104) Department of Middle, Secondary and Mathematics Education (Page 242)
Middle Level, Education, 6-8	Master's	IDLS with education minor	Interdisciplinary Liberal Studies (Page 104) Department of Middle, Secondary and Mathematics Education (Page 242)
Secondary Education, 6-12	Master's	Content major ¹ with education minor	Department of Middle, Secondary and Mathematics Education (Page 242)
Special Education, K-12 ECSE	Master's	IDLS with education minor	Interdisciplinary Liberal Studies (Page 104) Department of Exceptional Education (Page 181)
Endorsements			
Endorsements are available in the following areas. Contact the College of Education for more information.			
<ul style="list-style-type: none"> ▪ Algebra I ▪ English as a Second Language (add-on licensure) ▪ Gifted Education (add-on licensure) ▪ Journalism ▪ Theatre 			
1 Biology, Chemistry, English, Geology, Mathematics, Foreign Language, Physics			

Academic Terms and Definitions

Degree Requirements

A degree is an academic title conferred on students who complete a unified program of study. Degrees vary according to the major program. JMU offers eight undergraduate degrees, listed on Page 10, that incorporate course requirements unique to the degree and major discipline. Majors culminating in Bachelor of Arts and Bachelor of Science degrees share common sets of course requirements appropriate to the degree with specific distinctions.

Bachelor of Arts degree – The B.A. is distinguished by its humanistic emphasis. Students who complete a B.A. may satisfy the degree requirements by taking courses that advance their understanding of human culture through analysis of ideas; perception of differences; appreciation of art and creative products through understanding art forms, beauty, and symmetry; knowledge of theories and principles of form, substance, argument and philosophy; understanding of the interaction between language and culture; and achievement of linguistic competency in a second language.

Bachelor of Science degree – The B.S. is distinguished by its scientific emphasis. Students who complete a B.S. may satisfy the degree requirements by taking courses that advance their understanding of the use of scientific analysis, experimentation and the application of scientific principles and facts in solving problems; understanding of the crucial role of mathematical reasoning; and understanding analysis and techniques in comprehending problems in the natural or social sciences.

Lists of courses satisfying Bachelor of Arts and Bachelor of Science degree requirements are found at <http://www.jmu.edu/registrar>.

Program of Study Components

A program of study or course of study refers to any set of courses and experiences identified as satisfying the requirements of a program or program component (as defined below) by a student or students. The following terms will apply for describing programs of study at James Madison University.

Major – A coherent set of required and elective courses approved by the Board of Visitors and meeting state criteria that, when completed by a student, signifies a degree of preparation in a field or fields of study. The credit hour requirements for the major are set by the respective colleges and academic units and may not consist of less than 30 hours. A student must formally declare a major.

Minor – A cohesive set of required and elective courses that, when completed by a student, connotes knowledge and skills in a discipline, region or topic area, but not at the depth of a major. The minor is designed for students who are not majoring in the same area and requires minimum credit hours as set by the respective academic unit and college. A student must formally declare the minor for it to appear on the transcript of record. A minor is not required for graduation.

Concentration – A prescribed set of courses associated with a major or minor that is designed to focus a student's course of study according to interest and/or career goals. A concentration is not a required component of all majors and/or minors. The student must formally declare the concentration for it to appear on the transcript of record. The concentration will be noted on the transcript only after the student graduates.

Cognate – A set of courses outside the major that is designed to complement other components of the student's course of study and to support selected professional goals. A cognate is not a required component of all majors. A student does not have to formally declare a cognate and it will not appear on the transcript of record.

Core – A defined group of courses within a particular major or minor that is required of all students completing that major or minor.

Track – A prescribed set of courses within a concentration. A track is not a required component of all concentrations. A student does not have to formally declare a track and it will not appear on the transcript of record.

Pre-professional Program – A defined set of courses or course options and requirements that serve as prerequisites to upper or graduate-level professional program components or courses. A pre-professional program may coincide with a major, minor or concentration, or it may be comprised by courses from two or more disciplines and concentrations.

Professional program – A defined group of courses or course options designed to prepare a student for a specific professional career, certificate, or license. A professional program may coincide with a major, minor or concentration, or it may be comprised by courses from two or more disciplines and concentrations. The student must formally declare the professional program for it to appear on the transcript of record. The professional program will be noted on the transcript only after the student graduates.

Licensure program – A set or sequence of courses and experiences required for a student to be eligible to obtain a license issued by an agency, group or professional organization.

Certificate program – A prescribed set or sequence of courses that results in a student receiving a certificate issued by the university when the identified courses and experiences are completed satisfactorily and when all other conditions have been met in accordance with the definitions and policies governing certificates.

These definitions apply to all programs of study except in cases where program nomenclature specified by the accrediting agency differs from the nomenclature stated by James Madison University.