

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
	<u>120</u>

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
	<u>120</u>

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
	<u>120</u>

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

Credit Hours

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

Bachelor of Music (B.M.)

Credit Hours

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

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
	<u>120</u>

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
	<u>120</u>

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
	<u>120</u>

- 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 Includes education courses leading to licensure in teacher education.
- 5 Students are strongly encouraged to complete one of the following sequences: MATH 107-108, MATH 135-235, MATH 155-220, MATH 156-220, MATH 220 and one from MATH 321-327, 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
Writing, Rhetoric and Technical 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
Writing, Rhetoric and Technical 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 81-88) 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 HSC (p. 353)
Africana Studies	AFST (p. 295)	Humanitarian Affairs..... HUMN (p. 353)
AIRS	AIRS (p. 296)	Inclusive Early Childhood Education..... IECE (p. 353)
American Studies	AMST (p. 296)	Individualized Study IS (p. 354)
Anthropology	ANTH (p. 296)	Industrial Design..... INDU (p. 355)
Arabic	ARAB (p. 299)	Information Analysis IA (p. 355)
Art	ART (p. 299)	Integrated Science and Technology..... ISAT (p. 356)
Art Education	ARED (p. 301)	Interdisciplinary Liberal Studies IDLS (p. 361)
Art History	ARTH (p. 301)	Interdisciplinary Social Science..... ISS (p. 361)
Astronomy	ASTR (p. 304)	Interior Design..... INDE (p. 361)
Athletic Training Education Program	ATEP (p. 304)	International Affairs..... INTA (p. 362)
Biology	BIO (p. 305)	International Business IBUS (p. 362)
Biotechnology	BIOT (p. 308)	International Liberal Studies..... ILS (p. 362)
Business Law	BLAW (p. 308)	Interscience Research..... ISCI (p. 362)
Business and Marketing Education	BMED (p. 309)	Italian ITAL (p. 362)
Chemistry	CHEM (p. 309)	Japanese..... JAPN (p. 363)
Chinese	CHIN (p. 311)	Justice Studies..... JUST (p. 363)
Classics	CLAS (p. 311)	Kinesiology..... KIN (p. 365)
College of Business	COB (p. 311)	Korean KOR (p. 367)
Communication Sciences and Disorders	CSD (p. 312)	Latin..... LAT (p. 367)
Communication Studies	SCOM (p. 313)	Liberal Studies LS (p. 367)
Computer Information Systems	CIS (p. 315)	Management..... MGT (p. 367)
Computer Science	CS (p. 317)	Management Science MS (p. 316)
Continuing Education	CE (p. 319)	Marketing..... MKTG (p. 368)
Criminal Justice	CRJU (p. 319)	Materials Science MATS (p. 369)
Dance	DANC (p. 319)	Mathematics MATH (p. 370)
Early Childhood Education	ECED (p. 320)	Media Arts and Design SMAD (p. 373)
Economics	ECON (p. 321)	Middle Education MIED (p. 375)
Education	EDUC (p. 323)	Middle and Secondary Education MSSE (p. 375)
Elementary Education	ELED (p. 323)	Military Science MSCI (p. 376)
Engineering	ENGR (p. 324)	Music..... MUS (p. 377)
English	ENG (p. 324)	Music Education..... MUED (p. 379)
Environment	ENVT (p. 327)	Music Industry..... MUI (p. 380)
Environmental Management	ENVM (p. 327)	Music Instruction, Applied..... MUAP (p. 380)
Exceptional Education	EXED (p. 327)	Nonprofit Studies NPS (p. 382)
Family Studies	FAM (p. 329)	Nursing..... NSG (p. 382)
Finance	FIN (p. 329)	Nutrition NUTR (p. 384)
Foreign Language	FL (p. 331)	Philosophy PHIL (p. 385)
French	FR (p. 331)	Physics..... PHYS (p. 387)
General Business	GBUS (p. 332)	Political Science..... POSC (p. 388)
General Education	<i>G</i> (p. 332)	Psychology..... PSYC (p. 391)
Geographic Science	GEOG (p. 336)	Public Policy and Administration PPA (p. 393)
Geology	GEOG (p. 338)	Reading Education READ (p. 394)
German	GER (p. 340)	Religion REL (p. 394)
Gerontology	GERN (p. 341)	Russian..... RUS (p. 396)
Graphic Design	GRPH (p. 341)	Social Work..... SOWK (p. 396)
Greek	GRK (p. 342)	Sociology..... SOCI (p. 397)
Health	HTH (p. 342)	Spanish..... SPAN (p. 400)
Health and Human Services	HHS (p. 345)	Studies Abroad Course, Regularly Scheduled (p. 401)
Health Services Administration	HSA (p. 345)	Teaching English as a Second Language TESL (p. 404)
Hebrew	HEBR (p. 346)	Technical Translation TR (p. 404)
History	HIST (p. 346)	Theatre THEA (p. 405)
Hospitality and Tourism Management	HTM (p. 351)	Vocational Education VOED (p. 406)
Human Resource Development	HRD (p. 352)	Women's Studies WMST (p. 406)
		Writing, Rhetoric and Technical Communication WRTC (p. 407)

Undergraduate Programs

	Major	Minor	See Page		Major	Minor	See Page
Accounting (B.B.A.)	■		130				
Public Administration							
Africana Studies		■	100		■		222
American Studies		■	100		■		92
Anthropology (B.A., B.S.)	■	■	279	English (B.A.)	■	■	173
Archeology				American Literature			
Biological Anthropology				British Literature			
Cultural Anthropology				Creative Writing		□	
Art (B.F.A.)	■	■	138	World Literature		□	
General Fine Arts				English as a Second Language			178
Graphic Design				Environmental Information Systems		■	103
Industrial Design				Environmental Management		■	104
Interior Design				Environmental Science		■	104
Art (B.A.)	■	■	138	Environmental Studies		■	105
General Fine Arts				European Business concentration			66
Studio Art				European Marketing		■	228
Art (B.S.)	■	■	136	Family Studies		■	106
General Fine Arts				Film Studies		■	106
Industrial Design				Finance (B.B.A.)	■		180
Art History (B.A.)	■	■	142	Geographic Science (B.A., B.S.)	■	■	204
Athletic Training (B.S.)	■		192	Applied Geographic Information Science			
Asian Studies		■	101	Environmental Conservation, Sustainability and Development			
Biochemistry and Molecular Biology		■	101	Geology (B.S.)	■	■	188
Biology (B.A., B.S.)	■	■	145	General Geology			
Ecology and Environmental Biology				Environmental and Engineering Geology			
Biotechnology (B.S.)	■		90	Gerontology		■	107
British Communication and Media		■	102	Health Sciences (B.S.)	■		191
Chemistry (B.S.)	■	■	149	Health Assessment and Promotion			
ACS Accredited Programs (Biochemistry, Chemical Education, Chemistry and Materials Chemistry)				Health Studies			
Chemistry/Business				Occupational Studies			
General Chemistry				Public Health Education			
Chinese Business Studies		■	66	Substance Abuse Intervention		■	
Classical Studies		■	102	Health Services Administration (B.S.)	■		193
Communication Sciences and Disorders (B.A., B.S.)	■	■	152	History (B.A.)	■	■	198
Communication Studies (B.A., B.S.)	■	■	154	Public History			
Conflict Analysis and Intervention		□		Historical Archaeology		■	107
Cultural Communication		□		Hospitality and Tourism Management (B.B.A.)	■		206
Health Communication Studies		□		Human Resource Development		■	222
Interpersonal Communication Studies				Human Science		■	107
Organizational Communication Studies				Humanitarian Affairs		■	108
Political Communication				Individualized Study (B.I.S., B.A., B.S.)	■		133
Public Communication Studies				Social Science			
Public Relations Studies		■		Information Analysis (B.S.)	■		208
Computer Information Systems (B.B.A.)	■	■	160	National Security			
Cooperative Education				Competitive Intelligence			
Computer Science (B.S.)	■	■	163	Integrated Science and Technology (B.S.)	■	■	204
Creative Writing		■	102	Biosystems			
Criminal Justice		■	103	Energy			
Dietetics (B.S.)	■		192	Engineering and Manufacturing			
Earth Science (B.A.)	■		189	Environment			
Economics (B.A., B.S., B.B.A.)	■	■	173	Environmental Information Systems			
Environmental and Natural Resource				Information and Knowledge Management		■	
Financial				Telecommunications		□	
International				Interdisciplinary Liberal Studies (B.S.)	■		98
Socioeconomics				Interdisciplinary Social Science		■	108
				International Affairs (B.A.)	■		94
				Comparative Study			
				International Relations			

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
International Business (B.B.A.)	■		212
Finance			
Marketing			
Justice Studies (B.A., B.S.)	■		215
Kinesiology (B.S.)	■		218
Coaching Education		■	
Exercise Science			
Physical and Health Education Teacher Education			
Sport Communication		■	
Sport and Recreation Management			
Latin American Studies		■	109
Management (B.B.A.)	■		223
Technology, Innovation and Entrepreneurship			
General Management			
Human Resource Management			
Management Science		■	162
Marketing (B.B.A.)	■		226
Business to Business Marketing			
Business to Consumer Marketing			
European Marketing		■	
Materials Science		□	116
Mathematics (B.A., B.S.)	■	■	229
Computational Sciences			
Media Arts and Design (B.A., B.S.)	■		234
Converged Media			
Corporate Communication			
Digital Video and Cinema			
Journalism			
Medieval and Renaissance Studies		■	110
Middle Education			240
Middle Eastern Communities and Migrations		■	110
Military Leadership		■	243
Army ROTC			
Modern European Studies		■	111
Modern Foreign Languages (B.A.)	■		183
Arabic		■	
Business French		■	
Business German		■	
Business Italian		■	
Business Spanish		■	
French		■	
German		■	
Italian		■	
Law Enforcement Spanish		■	
Legal Spanish		■	
Medical Spanish		■	
Russian		■	
Spanish		■	
Spanish-English Translation and Interpretation		■	
Music (B.M.)	■	■	245
Composition			
Jazz Studies		■	
Music Education (Instrumental, Vocal)			
Music Industry		□	
Music Theatre Emphasis			
Performance (Instrumental, Vocal, Piano, Accompanying/Coaching)			

	Major	Minor	See Page
Nonprofit Studies		■	112
Nursing (B.S.N.)	■		253
Philosophy and Religion (B.A.)	■		256
Interdisciplinary Philosophy			
Interdisciplinary Religion			
Philosophy		□	
Religion		□	
Physics (B.A., B.S.)	■	■	260
Applied Physics			
Astronomy		■	
Fundamental Studies			
Individual Option			
Multidisciplinary			
Physics/Engineering Combined			
Political Communication		■	112
Political Science (B.A.)	■	■	265
Pre-Professional Health Programs			122
Pre-dentistry, Pre-forensic Studies, Pre-medicine, Pre-occupational Therapy, Pre-optometry, Pre-pharmacy, Pre-physical Therapy, Pre-physician Assistant, Pre-veterinary Medicine			
Psychology (B.A., B.S.)	■		269
Behavior Analysis			
Public Policy and Administration (B.S.)	■	■	266
Public Policy			
Public Management			
Quantitative Finance (B.S.)	■		181
Russian Studies		■	113
Science, Technology and Society		■	113
Secondary Education		■	240
Social Work (B.S.W.)	■		273
Sociology (B.A., B.S.)	■	■	276
Community Action and Evaluation			
Environment, Technologies and Innovations			
Political and Global Analysis			
Markets and Cultures			
Social Inequalities and Public Policy			
Special Education		■	176
Statistics (B.S.)	■	■	231
Substance Abuse Intervention		■	114
Telecommunications		■	114
Theatre and Dance (B.A.)	■		282
Dance		□	
Musical Theatre			
Theatre		□	
Urban and Regional Studies		■	114
Women's Studies		■	115
World Literature		■	115
Writing, Rhetoric and Technical Communication (B.A., B.S.)	■	■	286
Technical and Scientific Communication			
Writing and Rhetoric Studies			

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 135)
Dance Education, PreK-12	Bachelor's	Dance	School of Theatre and Dance (Page 282)
Music Education, PreK-12	Bachelor's	Music	School of Music (Page 245)
Physical/Health Education, PreK-12	Master's	Kinesiology	Department of Kinesiology (Page 218)
Inclusive Early Childhood Education Birth-Age 8	Bachelor's	IDLS with education pre-professional licensure program	Interdisciplinary Liberal Studies (Page 98) Department of Early, Elementary and Reading Education (Page 165)
Elementary Education, PreK-6	Master's	IDLS with education pre-professional licensure program	Interdisciplinary Liberal Studies (Page 98) Department of Middle, Secondary and Mathematics Education (Page 240)
Middle Level, Education, 6-8	Master's	IDLS with education pre-professional licensure program	Interdisciplinary Liberal Studies (Page 98) Department of Middle, Secondary and Mathematics Education (Page 240)
Secondary Education, 6-12	Master's	Content major ¹ with education pre-professional licensure program	Department of Middle, Secondary and Mathematics Education (Page 240)
Special Education ² , K-12; IECE	Master's	IDLS with education pre-professional licensure program	Interdisciplinary Liberal Studies (Page 98) Department of Exceptional Education (Page 176)
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			
2 IDLS is the recommended major			

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 by the university as satisfying the requirements of a program or program component for a student or students. The following terms describe 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 typically requires between 18-24 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 a program. 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.

Pre-professional Advisory Program – This program includes a set of recommended courses for students who wish to shape their undergraduate experience toward a related professional goal beyond the undergraduate degree, such as the pre-law, pre-medicine, pre-dentistry and pre-health programs. Pre-professional advisory programs appear on the transcript during a student's undergraduate career, but do not appear on the transcript after graduation.

Pre-professional Licensure and Degree Program – This program must be related to a student's major as part of a planned progress toward professional credentialing, such as the pre-professional teacher education programs. It creates a distinct set of knowledge or skills that qualifies one to practice in a particular area or work in a specific field. This designation appears on the transcript.

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.